## BEST AVAILABLE COPY

WO 03/076645

Rec'd PCT/PTO 03 SEP 2004

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10/506549

1 ATGTCTTCCA AGAAGAATAG AAAGCGGTTG AACCAAAGCG CGGAAAATGG 51 TTOGTOCTTG COCTICTGCTG CTTCCTCTTG TGCGGAGGCA CGGGCTCCTT 101 CTGCTGGATC AGACTTCGCG GCAACCTCCG GGACTCTGAC GGTGACCAAC 151 TTATTAGAAA AGGATGACAA AATTCCTAAA ACATTCCAGA ATTCCCTTAT 201 TCATCTTGGA CTCAACACTA TGAAGTCTGC AAATATATGT ATAGGTCGAC 251 CAGTGTTGCT TACTAGTTTG AACGGAAAGC AAGAGGTGTA TACAGCCTGG 301 CCTATGGCAG GATTTCCTGG AGGCAAGGTC GGCCTGAGTG AAATGGCACA 351 GAAAAATGTG GGTGTGAGGC CTGGTGATGC CATCCAGGTC CAGCCTCTTG 401 TGGGTGCTGT GCTACAGGCT GAGGAAATGG ATGTGGCACT GAGTGACAAA 451 GATATGGAAA TTAATGAAGA AGAACTGACT GGTTGTATCC TGAGAAAACT 501 AGATGGCAAG ATTIGTTTTAC CAGGCAACTT TCTGTATTGT ACATTCTATG 551 GACGACCGTA CAAGCTGCAA GTATTGCGAG TGAAAGGGGC AGATGGCATG 601 ATATTGGGAG GGCCTCAGAG TGACTCTGAC ACTGATGCCC AAAGAATGGC 651 CTTTGAACAG TCCAGCATGG AAACCAGTAG CCTGGAGTTA TCCTTACAGC 701 TAAGCCAGTT AGATCTGGAG GATACCCAGA TCCCAACATC AAGAAGTACT 751 CCTTATAAAC CAATTGATGA CAGAATTACA AATAAAGCCA GTGATGTTTT 801 GCTGGATGTT ACACAGAGCC CTGGAGATGG CAGTGGACTT ATGCTAGAGG 851 AAGTCACAGG TCTTAAATGT AATTTTGAAT CTGCCAGAGA AGGAAATGAG 901 CAACTTACTG AAGAAGAGAG ACTGCTAAAG TTCAGCATAG GAGCAAAGTG 951 CAATACTGAT ACTITITATT TTATTICTIC AACAACAAGA GTCAATITTA 1001 CAGAGATTGA TAAAAATTCA AAAGAGCAAG ACAACCAATT CAAAGTAACT 1051 TATGACATGA TAGGAGGATT AAGTAGCCAG CTGAAAGCAA TTAGAGAAAT 1101 AATTGAATTG CCCCTCAAAC AGCCTGAGCT TTTCAAGAGT TATGGAATTC 1151 CTGCCCCTAG AGGAGTGTTA CTTTATGGTC CTCCAGGTAC TGGAAAAACA 1201 ATGATOGCCA GGGCTGTTGC TAATGAAGTT GGAGCCTATG TITTCTGTAAT 1251 TAATGGTCCT GAAATTATAA GCAAATTCTA TGGTGAGACT GAAGCAAAGT 1301 TACGTCAGAT ATTTGCTGAA GCCACTCTAC GACACCCATC AATTATTTTT
1351 ATTGATGAGC TGGATGCACT TTGTCCGAAA AGAGAGGGGG CCCAGAATGA 1401 AGTGGAAAAA AGAGTTGTGG CTTCACTCTT AACACTGATG GATGGCATTG 1451 GTTCAGAAGT AAGTGAAGGA CAAGTGTTGG TTCTTGGGGC CACAAATCGC 1501 CCTCATGCCT TGGATGCTGC TCTCCGAAGA CCTGGGCGAT TTGATAAAGA 1551 GATTGAGATT GGAGTTCCCA ATGCTCAGGA CCGGCTAGAT ATTCTCCAGA 1601 AACTGCTTCG AAGGGTACCC CATTTGCTCA CTGAGGCTGA GCTGCTGCAG 1651 CTGGCAAATA GTGCTCATGG ATACGTTGGA GCAGACTTGA AAGTCTTGTG 1701 TAATGAAGCA GGTCTCTGTG CCTTGCGGAG AATCCTGAAA AAACAGCCTA 1751 ACCTCCCTGA TGTCAAGGTG GCTGGACTGG TGAAGATTAC TCTGAAGGAT 1801 TTCTTGCAGG CAATGAATGA TATCAGACCC AGTGCCATGA GGGAAATAGC 1851 AATTGATGTC CCAAATGTAT CCTGGTCAGA TATAGGAGGA CTGGAAAGTA 1901 TCAAACTGAA GTTGGAACAG GCTGTGGAAT GGCCCTTAAA ACATCCAGAG 1951 TCTTTCATTC GAATGGGTAT TCAGCCACCT AAAGGAGTTC TTCTCTATGG 2001 GCCACCTGGG TGCTCTAAAA CAATGATAGC AAAGGCTTTG GCCAATGAGA 2051 GTGGACTGAA TTTTCTAGCT ATAAAGGGGC CTGAATTAAT GAATAAATAT 2101 GTTGGTGAAT CTGAAAGAGC AGTTAGAGAG ACCTTCCGAA AAGCAAGAGC 2151 AGTGGCGCCT TCCATTATTT TCTTTGATGA ACTGGATGCC TTAGCAGTTG 2201 AAAGGGGCAG TTCTTTAGGT GCTGGGAATG TAGCCGATCG TGTTTTGGCT 2251 CAGCTCTTAA CAGAAATGGA TGGGATTGAA CAGCTAAAGG ATGTGACCAT 2301 TTTGGCAGCT ACTAACOGTC CAGATAGGAT AGACAAGGCT TTGATGCGGC 2351 CTGGAAGAAT TGATAGAATC ATCTATGTGC CTTTACCGGA TGCAGCAACA 2401 AGAAGGGAAA TATTTAAGCT GCAGTTTCAC TCCATGCCTG TCAGTAATGA 2451 AGTTGACCTG GATGAACTCA TCCTTCAAAC CGACGCATAC TCAGGAGCAG 2501 AGATTIGTAGC TIGTCTIGCAGA GAGGCAGCTC TTCTGGCTCT GGAAGAAGAC 2551 ATTCAAGCCA ATCTCATCAT GAAAAGACAT TTCACTCAGG CCTTGAGCAC 2601 TGTGACACCT AGAATTCCTG AGTCATTGAG ACGTTTTTAT GAAGATTATC 2651 AAGAGAAGAG TGGGCTGCAT ACACTCTGA (SEQ ID NO:1)

FEATURES: Start Codon: 1 Stop Codon: 2677 WO 03/076645

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#### HOMOLOGOUS PROTEINS: Top 10 BLAST Hits:

	Score	Ε
CRA 18000005197945 /altid=gi 10946660 /def=ref NP_067318.1  (NM	1395	0.0
CRA   98000043618036 /altid=gi   12847023 /def=dbj   BAB27406.1   (AKO	1392	0.0
CRA 83000031771150 /altid=qi   14602090 /def=ref   NP_148637.1   (NC	595	e-168
CRA 335001098642471 /altid=qi   11498895 /def=ref   NP_070126.1   (N	593	e-168
CRA 50000098922782 /altid=qi   15669345 /def=ref   NP_248150.1   (NC	591	e-167
GRA 83000031770426 /altid=qi   14601365 /def=ref   NP_147901.1   (NC	590	e-167
GRA 223000018401032 /altid=gi   18159541 /def=gb   AAL62959.1   (AEO	588	e-166
CRA 18000005144849 /altid=gi 7490056 /def=pir  T40537 AAA famil	581	e-164
CRA 50000098926394 /altid=qi 15679634 /def=ref NP_276751.1  (NC	578	e-163
CRA 223000002644325 /altid=gi 15920392 /def=ref NP_376061.1  (N	576	e-163

#### Blast hits to dbEST:

CRA Number	gi Number	Score	<u>Expect</u>
CRA 46000021337349	gi   9791981	1170 bits (590)	0.0
CRA 46000021359662	gi   9794006	1015 bits (512)	0.0
CRA 1000490140751	gi   5339414	888 bits (448)0.0	
CRA 3000001162535	gi   3086717	839 bits (423) 0.0	
CRA 3000001146260	gi   3070203	704 bits (355)0.0	
CRA 156000059690462	gi   10568861	624 bits (315) 1e-176	
CRA 46000021357847	gi   9793841	500 bits (252) 1e-138	
CRA 3000001604381	gi   2656600	472 bits (238) 1e-130	)

#### EXPRESSION INFORMATION FOR MODULATORY USE:

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	•	hra	~	COL	ırce:
- 1		и а		31.	ıı ce.

qi Number	Organ	<u>Tissue Type</u>
gi   9791981	(none)	pooled germ cell tumors
gi   9794006	(none)	pooled germ cell tumors
gi   5339414	kidney	kidnev tumor
gi 3086717	(none)	pooled germ cell tumors
gi 3070203	(none)	pooled germ cell tumors
gi 10568861	brain	primitive neuroectoderm
gi  9793841	kidney	•
gi 2656600	Liver and Spleen	

10/506549 1 MSSKKNRKRL NOSAENGSSL PSAASSCAEA RAPSAGSDFA ATSGTLTVTN 51 LLEKDDKIPK TFONSLIHLG LNTMKSANIC IGRPVLLTSL NGKQEVYTAW 101 PMAGFPGGKV GLSBMAQKNV GVRPGDATQV QPLVGAVLQA EBYDVALSDK 151 DMEINEEELT GCILRKLDGK IVLPGNFLYC TFYGRPYKLQ VLRVKGADGM 201 ILGGPQSDSD TDAQRMAFEQ SSMETSSLEL SLQLSQLDLE DTQIPTSRST 251 PYKPIDDRIT NKASDVLLDV TOSPODGSGL MLEEVTGLKC NFESAREGNE 301 OLTEEERLLK FSIGAKONTD TFYFISSTTR VNFTEIDKNS KEQDNQFKVT 351 YDMIGGLSSQ LKAIRETIEL PLKQPELFKS YGIPAPRGVL LYGPPGTGKT 401 MIARAVANEV GAYVSVINGP EIISKFYGET EAKLRQIFAE ATLRHPSIIF 451 IDELDALOPK REGAQNEVEK RVVASLLTLM DGIGSEVSEG QVLVLGATNR 501 PHALDAALRR PORFDKEIEI GVPNAQDRLD ILQKLLRRVP HLLTEAELLQ 551 LANSAHGYVG ADLKVLONEA GLCALRRILK KOPNLPDVKV AGLVKITLKO 601 FLQAMNDIRP SAMRETATOV PNVSWSDIGG LESIKLKLEQ AVEWPLKHPE 651 SFIRMGIQPP KGVLLYGPPG CSKTMIAKAL ANESGLNFLA IKGPELMNKY 701 VGESERAVRE TFRKARAVAP SIIFFDELDA LAVERGSSLG AGWADRVLA 751 QLLTEMOGIE QLKOVTILAA TNRPORIDKA LMRPGRIDRI IYVPLPDAAT 801 RREIFKLOPH SMPVSNEVDL DELILOTDAY SGAETVAVOR EAALLALEED 851 IQANLIMKRH FTQALSTVTP RIPESLRRFY EDYQEKSGLH TL (SEQ ID NO:2) FEATURES: Functional domains and key regions: Prosite results PDOC00001 PS00001 ASN\_GLYCOSYLATION N-glycosylation site Number of matches: 5 11-14 NQSA 16-19 NGSS 3 332-335 NFTE 4 622-625 NVSW 682-685 NESG PDOC00005 PS00005 PKC\_PHOSPHO\_SITE Protein kinase C phosphorylation site Number of matches: 18 2-4 73-75 SSK TMK 148-150 SDK 246-248 TSR 5 260-262 TNK 294-296 SAR 6 7 328-330 TTR 8 397-399 TGK 9 442-444 TLR 498-500 TNR 597-599 TLK 10 1112 633-635 SIK <u>13</u> 704-706 SER 14 15 711-713 TFR 771-773 TNR 16 800-802 TRR 17 869-871 TPR 18 875-877 SLR PDOC00006 PS00006 CK2\_PHOSPHO\_SITE Casein kinase II phosphorylation site Number of matches: 17 26-29 SCAE 148-151 SDKD 207-210 SDSD 221-224 SSME 226-229 SSLE 235-238 SQLD 5 67 273-276 SPGD 8 294-297 sare ğ 303-306 TEEE 10 11 12 334-337 TEID 478-481 TLMD

544-547 TEAE 597-600 TLKD WO 03/076645

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PCT/US03/06670

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624-627 SWSD
14
       754-757 TEMD
15
       800-803 TRRE
16
       831-834 SGAE
```

PDOC00007 PS00007 TYR\_PHOSPHO\_SITE Tyrosine kinase phosphorylation site 316-323 KONTOTFY

PDOCO0008 PS00008 MYRISTYL N-myristoylation site Number of matches: 14 36-41 GSDFAA ' 1 107-112 GGKVGL 121-126 GVRPGD 199-204 GMILGG 287-292 GLKONF 314-319 GAKONT 355-360 GGLSSQ 6 7 8 396-401 GTGKTM 9 411-416 GAYVSV 484-489 GSEVSE 521-526 GVPNAQ 10 11 629-634 GGLEST 670-675 GCSKTM <u>12</u>

PDOC00013 PS00013 PROKAR\_LIPOPROTEIN Prokaryotic membrane lipoprotein lipid attachment site GSSLPSAASSC

PDOC00017 PS00017 ATP\_GTP\_A ATP/GTP-binding site motif A (P-loop) 393-400 GPPGTGKT

736-741 GSSLGA

PDOC00572 PS00674 AAA AAA-protein family signature Number of matches: 2

13

492-510 VLVLGATNRPHALDAALRR 765-783 VTILAATNRPDRIDKALMR

#### Membrane spanning structure and domains: Helix Begin End 1 32 52 Score Certainty 0.667 Putative

0.614 Putative 116

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PCT/US03/06670

BLAST Alignment to Top Hit:

>CRA|18000005197945 /altid=gi|10946660 /def=ref|NP\_067318.1|

(NM\_021343) spermatogenesis associated factor [Mus musculus] /org=Mus musculus /taxon=10090 /div=ROD /dataset=nraa /length=892

Length = 892

Score = 1490 bits (3814), Expect = 0.0 Identities = 759/893 (84%), Positives = 813/893 (90%), Gaps = 1/893 (0%) Frame = +1

Identi Frame		= 759/893 (84%), Positives = 813/893 (90%), Gaps = 1/893 (0%)	<b>L</b>
Query:	1	MSSKKNRKRLNQSAENGSSLPSAASSCAEARAPSAGSDFAATSGTLTVTNLLEKDDKIPK MSSKKNRKR + AE S SAA S + P A AA G L VTN LEKD K+PK	180
Sbjct:	1	MSSKKNRKR + AE S SAA S + P A AA G L VTN LEKD K+PK MSSKKNRKRQKEGAEGASPSLSAAPSRSGTSTPFAQPSPAAP-GMLVVTNFLEKDGKVPK	59
Query:	181	TFQNSLIHLGLNTMKSANICIGRPVLLTSLNGKQEVYTAWPMAGFPGGKVGLSBMAQKNV TFQNSLIHLGLNTMKSANICIGRPVLLTSLHGKQEVYTAWP+AGFPGGKVGLSBMAQKNV	360
Sbjct:	60	TFQNSLVHLGLNTMKSANICIGRPVLLTSLDGKQEVYTAWPVAGFPGGKVGLSBMAQKNV	119
Query:	361	GVRPGDAIQVQPLVGAVLQAEBMDVALSDKDMEINEEELTGCILRKLDGKIVLPGNFLYC GVR G+ IQVQPL+GAVLQA+EMD+ALSDKD EINEEELTGCILRKLDGKIVLPGNFLYC	540
Sbjct:	120	GVRAGETIQVQPLLGAVLQAQEMDLALSDKOKEINEEELTGCILRKLDGKIVLPGNFLYC	179
Query:	541	TFYGRPYKLQVLRVKGADGMILGGPQSDSDTDAQRMAFEQSSMETSSLELSLQLSQLDLE TFYGR KLOVL+VKG DG LG PQS S TDAQ MA E SSME S ++LS QLSQLDL+	720
Sbjct:	180	TFYGRLOXLQVKGTDGTTLGKPQSASGTDAQGMASEHSSMENSDVDLSPQLSQLDLK	239
Query:	721	DTQIPTSRSTPYKPIDDRITNKASDVLLDVTQSPQDGSGLMLEEVTGLKONFESAREGNE + Q P+S+STP KP +DR NKA +VLLDVTQSP DGSGL LEE TGLKC+F+S++EGN	900
Sbjct:	240	EPÖSPSSQSTPOKPTNDRTVNKAGEVLLDVTQSPRDGSGLGLEESTGLKCSFDSSKEGNT	299
Query:		QLTEEERLLK-FSIGAKONTDTFYFISSTTRVNFTEIDKNSKEQDNQFKVTYDMIGGLSS Q EE+LLK S G K NTDTFYFISSTTR+N +I NSKEQD+QFKVTYDMIGGL+S	
Sbjct:		QPVSEEKLLKPASAGTKSNTDTFYFISSTTRINLRKICTNSKEQDSQFKVTYDMIGGLNS	
-		QLKAIRETIELPLKQPELFKSYGIPAPRGVLLYGPPGTGKTMIARAVANEVGAYVSVING QLKAIREIIELPLKQPELFKSYGIPAPRG+LLYGPPGTGKTMIARAVANEVGAYVSVING	
•		QLKAIRETIELPLKQPELFKSYGIPAPRGLLLYGPPGTGKTMIARAVANEVGAYVSVING	
-		PETISKFYGETEAKLRQIFAEATLRHPSTIFTDELDALCPKREGAQNEVEKRVVASLLTL PETISKFYGETEA+LRQIFAEATLRHPSTIFTDELDALCPKREGAQ+EVEKRVVASLLTL	
•		PETISKFYGETEARLRQIFAEATLRHPSIIFIDELDALCPKREGAQSEVEKRVVASLLTL	
-		MDGIGSEVSEGQVLVLGATNRPHALDAALRRPGRFDKEIEIGVPNAQDRLDILQKLLRRV MDGIGSE SEG+VLVLGATNRP ALDAALRRPGRFDKEIEIG+PNAQDRLDILQKLLRRV	
•		MDGTGSEGSEGRVLVLGATNRPQALDAALRRPGRFDKETETGTPNAQDRLDTLQKLLRRV	
_		PHILITEAELLQLANSAHGYVGADLKVLONEAGLCALRRILKKQPNLPDVKVAGLVKITLK PHILIT+AELL+LAN+AHGYVGADLK LONEAGL ALRR+L+KQPNLPD KVAG+VKITL	
-		PHLLTKAELLRLANNAHGYVGADLKALONEAGLHALRRVLRKQPNLPDSKVAGM/KITLN	
-		DFLQAVNDTRPSAVRETATIOVPNVSWSDIGGLESIKLKLEQAVEWPLKHPESFTRMGTQPDFLQ MNDTRPSAVRE+ATIOVPNVSWSDIGGLE+IKLKL+QAVEWPLKHP+SFRMGTQP	
-		DFLQGVNDIRPSAMREVAIDVPNVSWSDIGGLENIKLKLKQAVEWPLKHPKSFNRMSIQP	
_		PKGVLLYGPPGCSKTMIAKALANESGLNFLAIKGPELMNKYVGESERAVRETFRKARAVA PKGVLLYGPPGCSKTMIAKALANESGLNFLAIKGPELMNKYVGESERAVRE FRKARAVA	
•		PKGVLLYGPPGCSKTMIAKALANESGLNFLAIKGPELMNKYVGESERAVREIFRKARAVA	
	2158	PSIIFFDELDALAVERGSSLGAGNVADRVLAQLLTEMDGIEQLKDVTILAATNRPDRIDK PSIIFFDELDALAVERGSS GAGNVADRVLAQLLTEMDGIEQLK+VT+LAATNRPDRIDK	

Sbjct: 720 PSIIFFDELDALAVERGSSSGAGNVADRVLAQLLTBYDGIEQLKNVTVLAATNRPDRIDK 779

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Query: 2338 ALMRPGRIDRITYVPLPDAATRREIFKLQFHSMPVSNEVDLDELILQTDAYSGAEIVAVC 2517 ALMRPGRIDRITYVPLPDAATRREI LQFHSMP+SNEVDLDEL+LQTD YSGAEI+AVC Sbjct: 780 ALMRPGRIDRITYVPLPDAATRREILNLQFHSMPISNEVDLDELVLQTDTYSGAEIIAVC 839

Query: 2518 REAALLALEEDIQANLIMKRHFTQALSTVTPRIPESLRRFYEDYQEKSGLHTL 2676

+EAALLALEE+I+A+ IMKRHFT+ALS VTPRIPESLRRFYEDYQEKSGLHT+

Sbjct: 840 KEAALLALEENIKADCIMKRHFTEALSIVTPRIPESLRRFYEDYQEKSGLHTV 892 (SEQ ID NO:4)

Hmmer search results (Pfam):

11111121 00	Time: Search of Learning Committee						
Scores f	or sequence family classification (score inclu	des all d	: (mains)				
Model	Description	<u>Score</u>	E-value	<u>N</u>			
PF00004	ATPases associated with various cellular act	603.4	1.3e-177	2			
PF01057	Parvovirus non-structural protein NS1	23.0	5.4e-06	2			
PF00910	RNA helicase	14.5	0.005	2			
	IstB-like ATP binding protein	6.6	1.4	1			
PF00158	Sigma-54 transcription factors	6.4	1.1	<b>1</b>			
PF00580	UVrD/REP helicase	4.8	1.1	ī			
		3.3	6.3	ī			
	Isopentenyl transferase	3.3	8.9	ī			
PF01202	Shikimate kinase	3.3	0.9	T			

Parsed for domains:

	Or COMA	115.			_		_
Model	Domain_	seq-f	seq-t_	hmm-f	hmm-t	score	E-value
PF01695	1/1	389	405	52	68	6.6	1.4
PF00158	1/1	389	406	25	42	6.4	1.1
PF01202	1/1	387	408	1	22 [.	3.3	8.9
PF01745	1/1	386	412	1	27 [.	3.3	6.3
PF01057	$1/\overline{2}$	389	413	172	200	15.5	0.0009
PF00910	1/2	389	413	126	150	13.1	0.012
PF00580	1/1	524	554	700	731 .]	4.8	1.1
PF00004	$\overline{1}/\overline{2}$	388	576	1	220 📋	288.9	6.3e-83
PF01057	$\vec{2}/\vec{2}$	663	681	172	194	7.9	0.16
PF00910	$\overline{2}/\overline{2}$	663	682	126	145	1.4	22
PF00004	$\overline{2}/\overline{2}$	662	848	1	220 □	320.7	1.7e-92
	- <b>, -</b>						

_					
			CTCAAGGTTG		
			CCACCACCGT.		
			CAGTTCTCCC		
			CAATAAAGAT		
			TTTGAGGGGC		
			GCCTGGGCAA		
			AGATGCGCGC		
			<b>GCTTGAGCTC</b>		
			<b>ACTCTAGCCT</b>		
			$ \qquad \qquad \textbf{AAAAAAAAA} $		
			TTGAATGCTT		
601	TACCCTGATG	TAATTATTAC	ACATTTATAC	CTCTATCAAA	ATAGCTCATA
			CTACTATGGA		
			CCACTCAGTC		
201	ACCATACTAA	TAATETAATA	ATATAATATT	AACAAACATC	TACTGAGCTT
			TGCTGTGCAC		
			AGTTCTTATC		
951	AAATGGTGGT	TTACGGCAAT	TTCCGAATGT	CGCACAGTAG	AAAGTGGACC
1001	AGCAACCAGG	<b>GTTGCAGATC</b>	CCAAAGTCCG	<b>GGATCTTCAC</b>	CATTTCACCC
1051	AACCGCCTTA	GAGACCTCCC	AGCAAAAGGT	CTAAGCACGA	ATGCTCCAGA
			TGCCTTCTCC		
			GGAGTGGGG		
			CCCTTCGTCC		
1201	CCACCCCCAC	CENCATECCE	CCGAATCTGT	CCACCTCCCC	CTCCACATCG
			CCGCACGTAA		
			CGGGGCCGTA		
1451	GCCAGCGGCC	CCAGCTCAGC	GGCTGCCGCA	TCTCCACGCC	GCTTAATTCG
			TCCGCGCTCC		
1551	<b>ACATTTTAGA</b>	<b>AGAGTGCCAT</b>	CAATACCCTC	AGAGTTGAGC	TGGGGTTACC
			GGAGACCGCG		
			AGTTAAGCGG		
			GGTAGTTTAA GATGCAAAAA		
			CGTTCCTGGA		
			GACTGCTGGT		
			TGCGCTCCAC		
1951	GGCGGACCCCT	<b>CGCTGACTTC</b>	TGCCCCGGAA	GITTICICI	CAGTTGAAGC
2001	GCGCACATTG	AGTCGGCTTT	TCTACTGCTT	CGGCTAGGGT	ACCTTGTGAC
2051	CATGTCTTCC	AAGAAGAATA	GAAAGCGGTT	GAACCAAAGC	GCGGAAAATG
			GCTTCCTCTT		
			GGCAACCTCC		
2201	CHAHAGA	CACCCCCCCC	AGACTCAGTG	ATACTICACTT	GGGGTGCAGA
2301	GACTITIGAA	AGTTGGGGG	GGCATGGGTC	TGAGAGCGGC	ACAGAAGCGT
2351	GTAAGACTTC	TGTATGTAAG	AAGCATGCAA	ACGTAGCOGC	GCCTGCACTG
					CTCTTTIGTA
			TTGCACTTGA		
					GAACATGGGA
			ATAACCAATT		
			AGCATTTTCT AACTGCACAC		
2001 2701	CCTCATCTAA	TTTCTACAGA	AGCCGTGACC	CATCCCTATA	GTAATGACAG
			TAACGTGATT		
			TTGAGTCCAG		
2851	ATTCCTAGAT	GACAGCTCCT	TIGATTIGGG	<b>AGAACGTATT</b>	TATACTGAAA
2901	<b>AGTCTTATAA</b>	ATTGAATTAA	AAATTGAAAA	TTTATATTTG	ATGTGTAATA
			CTAGTGGCAA		
3001	ACCTTAAAGA	CAATTTAGAG	TTCACATGGT	ATTITCACTC	TGCCTTAGGT
3051	ATCAGAGGAC	AACTIGITCT	GTCCTGAAGG	ATTICAACTIGE	CATCHAACTA
			AAACATGCTC TTCTTCCTGC		
			GCTCTCTGCC		
3251	TCCCTACCCT	ATTOCTOTT	GACTTCCACC	CCATCATTCC	ATGGAAACTG
3301	TICCIGGIGI	<b>GGTCTCCGAG</b>	CATCTCCGTG	TTGATAAACC	TTACGTGACC
3351	ACAGCAACTT	TIGGTATIGI	TGACCATTCC	CTCCTTCTCG	AAACACTTAA
3401	CITCITATGI	<b>GTTGTCAAAC</b>	TTGCCTGGTT	TTCTTCATCT	TIGITGATGT
3451	TTCATCATTT	TTCTTTGCAG	GCTCGTCCTC	TTCCCTTGAC	CATTAAATGT



3501 TGAAGTTCGT CAATTCTTAG TCCAAAACCT TTTTTTTCCT CTCAATAAAT
3551 CCTGTCTCCT TGGCAAGTTC ATCCAGTGCC CAGAGTTTCC CATCTATAGT
3601 CTCTTCAGTG TCAGATTTAT ATTTGTAAAT CTTTTGTTTT TGCGCCTTGA
3651 TGTGGTTGCC TTTTAGCCAA ATGCTTCTCA AGCTCTCTGT GGTGAAGACT
3701 TTAAAATTTA TAATAGGTCA CAGATCGGCA CTTTTCTAAA ATACAGTAAA
3751 AATGATTTIC TAGAAAAATA AGGAAAAATT TITATTAAAC AGATGIGAAA
3801 TTACTCTGTA AATTTCAATA AAAGCTTCTA TATACTTATT CTCCTGTTTT
3851 GTACTIGICA TGAAGCAGTA ACAAATCGTT GIGGGTCATA TTTTGAATAG
3901 CACTIGTACAA TAACTICTTICT CATGAGTIGTC CCAAAGATAC TTCAGGACTA
3951 ACTICATGAG CCCGTTATTT CCTCCAACAA AATAAACTTC AACTICTGTTC
4001 AGITTITICCC GCTGCAAATT CAGAAACCTA AGAGTCATCC ATGACTCTCC
4051 CCCCCATATC TCACATACCT AGTCCACCAC TAAATCATGT TATTACCTAA 4101 ATATTTTACA TATTCCTCTT CTGCATGCCA TTCCCACTGT TTCTACCTTA
4151 ATTTCAGACA CCATCATCTC TCACCTGGAC TGCTACAACA GCCTTTTGAC
4201 TGATTTTCCA GCTTCCAATT TTGCCCCCTTA TTCCTTTTCC ATTCTGCAGC
4251 CAGAATGATC TIGTAAGATG AAGATCTIGT CATGACATTG CITTTCATCC
4301 CTTTCTGGGC TCCCACTGCT GTCAGAGTAA TGACCAGCAT CTTGATGCAG
4351 CCTATTGCAC TATTGTCCTG GGTGGTCTTG ACCTTCTTTA CATGGCTTCC
4401 CTATGICTIC ACCACTCIGC CTATACTCTC CTGAGGATGC GCCATACCCC
4451 CTICTGCCCA GGAACTTTGT ACATGCTGTC CTCTTTGCTG AGAATTATCT
4501 TITICTICIC CICATITAGI TAGITICCTAC TICTICITICA GACCIGATICI
4551 TAACATCACT TCCTTTGAGA AACATTCTCT TATTTGAAAT TAGGTCAGAT
4601 CCCACATGGC TCTCCTGGCA CTCTAAGTCA TTTTTTCATT GTATTAATCT
4651 TAGTITATTA TITTACAGCI ATCCACTGAT TGTTTAATAA CTCACTCATC
4701 CTACAAGGCT ATAAACTICTG TGAGACCAAG GACTTGTGAA CAAAAGTGCC
4751 TAGCATAGTA TCTTTCATAT AGTAGGCACA TAGTACATAT TTGCTGAATG
4801 AATAAATGAA GGGTGGATGG TTGTTTGAAA TTATCTTTAC TATCTTGTTA
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5051 ATTACCATTG AAAGACAAGG TGGAGAATAA ATCCTGGGAC ATGGAGAATG
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5151 TGAGAACACT TGTGTGGTAA TTGTCAAGAG GGAAAGATAG TTCATTGAGG
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5351 CATTTOGTT TATACTCAGT GCTGTTCATC TTAGCTCTGT GAGATGCTTT
5401 GTTTTTCTAG ATTTGCACCT CATATAAGAA GGAAAAGAAA TGTGTTGGGG
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5701 THATICATT THATGGCTAT THATIGIGCA ACIGCTATAT THATGCACT
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5851 GCTATTAACT GGCAGCACAG AGTGCTGGAG GAATTAGAGG AGGGACACCT
5901 AACTAAATAT GGAGCTTGGT GGGGGTGGGG TGGATAGAAA GGAGTGGAGA
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6951 AAACTGTATT TTAAAAGACA TTAACATGTA TATTAACTCT GTTCCTTTGC

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7001	TGTCTATGAC	TCTGCTGGGC	ATAGTAGCCC	CTAAAATGTT	ATGTAGAGAG
		TCCGGCGATA			
		TAAAAATATT			
		TTTTACTATT			
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7201	TTCCCACCTT	GCTTTCTTT	TCTCCTACCA	CCCCCTTATC	TTTCATCCCT
7201	TIGGCAGCII	GGCTTCTT	TECTECCA	COUCHAIC	ATACTTTCAA
		CTTCTCTGAT			
7351	ATTTTTIGIC	TGCTGATGGC	ACCCICCIA	TICHTICAL	TTTCIGGCI
7401	TATGCTTTAA	AGGTCCTTTA	CIGIGICIT	TAGAAGAGAG	GACTATAAAT
7451	GTGTGAGCTT	AAGCTAGAAA	тттссстсс	TCCCTCTTAA	CATTTAAATC
7501	TGATAAGACC	CAGGITTCTGA	CAAAGCTCTT	जाटाजाजट	CCTCACTATT
7551	TCCTGGATGT	<b>AGTTTAATTT</b>	CCAGGCTGGA	TTACTTTACA	AGTTATTTTG
7601	CCTTAATATT	TTTGTCATTT	TCTCATTATC	<b>ACCTGTTAAT</b>	GCCTTTATCT
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7751	ACCCATGTA	<b>GTATTTAAAT</b>	ΤΤΤΤΑΛΑΛΑ	ATGCAATTTA	TCTTATTGCA
		GATTGTAACT			
7851	CTTAACTICCT	TGACTGTGCT	TAGCATTICTA	CCTTATAAAT	TCATCCTATT
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		GCCTATGGCA			
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DOLT	GAVATGGCAL	AGAMMAIGI	TECTACACEC	TCACCAAATC	CATCTCCCAC
		GIGGGIGCTG			
		CICITICIT			
8121	AGAAATATAA	GAGTCACAAA	IGIAAACCAC	AIAIGIAAII	HIGGALLIC
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		TTAACCAGTA			
8301	TAAAAAATTA	CCAATAAGGG	CTGGGCGCGG	TGGCTTATGC	CIGTAATCTC
8351	AGCACTITGG	GAGGCCGAGG	TGAGTGGATT	ACTTGAGCTC	AGGAGTTCAA
		AGCAACATGG			
8451	AAGAAAATTT	CTGGGCATGG	TGGTGTGTAC	CTGTAGTCCC	AACTATTTGG
8501	GAGGCTGAGA	CAGGAGGATT	<b>GCTTGAGCCT</b>	<b>GGGAGGTGGA</b>	GATTGCAGTG
8551	<b>AGCTGGGATC</b>	GCGCCACTGC	ACTCCAGCCT	<b>GGGTGACAGA</b>	GTGAGACTGT
8601	<b>GTCTCAAAGA</b>	AAAAAAAAG	TTACCAATAA	<b>GATATTTTGC</b>	ATCCTTTTT
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		TAGCCCCATT			
		CACTIGIGIT			
		TAGACTAAGG			
		GGTGAGAGTA			
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2051	CAAAACACTA	GATTACTGTG	ACTCAAACAG	AAACAAGITT	TAATTAAGAC
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2001	TTACTAAAAC	AAACGGTCAT	TACTATCACA	TTTTAAAATA	ATTCCCTCACC
		TGTTTGAATC			
		GATATTCTAT			
9201	ATACAAGICI	TCTCAAAAAT	CATTIACAGA	AAGCAICTTI	TATETER
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9351	CTACTATTGT	AGATTITAGA	CTTGAGTTTT	GGCATATTT	TTCCTTTATA
					AACAATAAAA
		ACAGGAGACA			
9501	TTTTTATATA	TTGCATGTAT	GTATACACAC	ACACACATTT	ACCCITTICI
					ATTTTATGAG
		GTACTGTTGA			
		TGCTACAGGT			
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9751	<b>GTGAGTAATG</b>	ATTICCTTATT	AGAGAGGACT	<b>GGATATGTTT</b>	TAAATGAAAG
9801	CTCAGGTTTT	AAAATTTTGT	TTTAAAAAAT	CITATGITIT	AAAAAATCTT
9851	<b>ATGTTTAAAA</b>	<b>AATCITAAGT</b>	<b>ATAGACAAGA</b>	<b>AAGTTAACTT</b>	CCAGTTGGGA
		TTTTAGTCTG			
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10101	TAAGTATAAC	TTGGTTTAGA	GTTCCATAAA	CAAAAGTAAA	TGTAAGCATT
10151	TAACCACATA	CATGCAATTT	TCTCATTACT	TTATACATAT	ATTICATICA
10201	TGAAATTTCC	CCCTCATTGT	ATTICICIC	IGICICIC	ΤΤΤΑΤΑΤΓΑΔ
10251	TATATACTIC	ATTCTCATTA	THERETIA	GITATGITCI	ΔΤΙΔΔΔΕΤΙΓ
10301	CCTTCAACAC	CGTTAGCAAA	TACTICAACCA	THOTAL	ACCCAAATAT
10321	CIVICION	GTATATACAT	ACATICCAACA	CACACAATAT	ATICTACCICTA
10401	TETATATATA	TAATATATAT	ΔCΔΤΔCΔCΔC	ΔCΔΤΤΤΛ	TAGATTATAA
10/101	COTTANA	CCAAACTAAT		AGATTTTATE	TICTITATIT
TC+OT	CHAMACI	CAMPOIAMI	ici i iciosi	~STITIAL!	HCHIAHI

10501 TACAAAACAG AAGAGGAGAT TTAG	
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14051	CATTGTTATT	GCCAAGATCC	TTTGCATATA	<b>गगद्धा</b> जन	CTGATCTCTC
14101	TGCTTTTTC	CTTTCTCATA	<b>AATCTTATAT</b>	<b>ATACATACAT</b>	<b>GTATGTATAT</b>
14151	<b>ATATGTATGT</b>	GTAAAAATGAA	CCCTTAGATT	<b>GGCATTTTGC</b>	TCATACTTAT
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		GATCTGTGTT			
		ппппп			
		GAAAGTCATT			
		GAGGGGGAGA			
		ATTITATAAC			
		GTAATGGTGA			
		CTAGAGGAGT			
		GCCAGGGCTG			
		TCCTGAAATT			
		ATTAAATATA			
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14851	AAAAATTGTT	TGGAAAATTC	TTTTTGAAAG	TAATTTTAAG	<b>TATTATAGAA</b>
14901	<b>ATATTGAAAA</b>	TTTAGGTTAG	<b>CTTTTATAGA</b>	CAAAGCTTTA	AAAACAATAA
		TTAAATGTAT			
		TACGTCAGAT			
15051	ATTITIONAT	GTTTTGGAAT	ΤΔΑΤΔΑΤΓΔΑ	GGCTGTATTA	GTCAAAGTGA
		CCTTATACAA			
		AAGTAGATTA			
		TTTGATAAAT			
		TTTGATAAGT			
		TAGGTGCTTA			
		ATTGTATGTA			
		AAAGGGACAA			
		GGCTCATGCC			
		CTTGACCCCA			
		CTGTTTAAAA			
15601	<b>ACGCCTGTAA</b>	TCCCAGCACT	TTGGGAGACC	GAGGCAGGCA	GATCACCTGA
15651	<b>GGTCAGGAGT</b>	TTGAGACCAG	CCTGGCTAAC	<b>ATAGTGAAAC</b>	CCCGTCTCTA
		AAAAATTAGC			
		AGGCTGAGGC			
15801	GTIGCAGTCA	GTTGAGATCG	TGCCATTGCA	CTCCAGCATG	GGGGACAAGA
15851	CCCACACTET	GTCTCGAAAA	ΑΔΤΛΑΛΑΔΤΑ	ΔΑΔΑΤΑΛΤΤΑ	GITGGGCATG
		CCTGTAGTCC			
		GGAGATCAAG			
		GGCAACACAC			
		GTGGTAGAGA			
		TAGACCAATA			
		CCTGAGCTCA			
		TAGGTGAGCA			TIGIALLIT
16251	TTTTCTAGCA	ACAGGGTCTT	GCTATGTTGG		
16301	TGGGCTCAAG			COAGGCIGGI	CTTGAACTCC
16351		COALICICAL	GCCTCAGCCT	CCCAAAATGC	CTTGAACTCC
TOJJI	<b>GGTGTTTAAT</b>	<b>ATCATAACTA</b>	<b>CTGCTCTTGA</b>	CCCAAAATGC ATCAGAAAAC	CITGAACTCC TGGCTGTCTT CCACCATTTT
16401	GGTGTTTAAT TGAAGTTTAT	ATCATAACTA TTTTTTCCCG	CTGCTCTTGA CAATGATAGT	CCCAAAATGC ATCAGAAAAC AGATGAAGTA	CTTGAACTCC TGGCTGTCTT CCACCATTTT AGCAGTTTGT
16401 16451	GGTGTTTAAT TGAAGTTTAT AGTCCTAGTA	ATCATAACTA TTTTTTCCCG CTGTACTGAA	CTGCTCTTGA CAATGATAGT AATTTGAAAA	CCCAAAATGC ATCAGAAAAC AGATGAAGTA CTAGTGGTAC	CTTGAACTCC TGGCTGTCTT CCACCATTTT AGCAGTTTGT ACCTTATTGT
16401 16451 16501	GGTGTTTAAT TGAAGTTTAT AGTCCTAGTA TTAGTATGCT	ATCATAACTA TTTTTTCCCG CTGTACTGAA TTTGTTGTTG	CTGCTCTTGA CAATGATAGT AATTTGAAAA TTGTGTTCAT	CCCAAAATGC ATCAGAAAAC AGATGAAGTA CTAGTGGTAC GGCAGTTGAG	CITGAACTCC TGGCTGTCTT CCACCATTTT AGCAGTTTGT ACCTTATTGT ATTTCCTTCT
16401 16451 16501 16551	GGTGTTTAAT TGAAGTTTAT AGTCCTAGTA TTAGTATGCT GTGAGAGAAT	ATCATAACTA TTTTTTCCCG CTGTACTGAA TTTGTTGTTG TCACATCTGT	CTGCTCTTGA CAATGATAGT AATTTGAAAA TTGTGTTCAT TTATGGGAGA	CCCAAAATGC ATCAGAAAAC AGATGAAGTA CTAGTGGTAC GGCAGTTGAG ATTGATCATC	CTTGAACTCC TGGCTGTCTT CCACCATTTT AGCAGTTTGT ACCTTATTGT ATTTCCTTCT TTGCAAGTTT
16401 16451 16501 16551	GGTGTTTAAT TGAAGTTTAT AGTCCTAGTA TTAGTATGCT GTGAGAGAAT	ATCATAACTA TTTTTTCCCG CTGTACTGAA TTTGTTGTTG	CTGCTCTTGA CAATGATAGT AATTTGAAAA TTGTGTTCAT TTATGGGAGA	CCCAAAATGC ATCAGAAAAC AGATGAAGTA CTAGTGGTAC GGCAGTTGAG ATTGATCATC	CTTGAACTCC TGGCTGTCTT CCACCATTTT AGCAGTTTGT ACCTTATTGT ATTTCCTTCT TTGCAAGTTT
16401 16451 16501 16551 16601	GGTGTTTAAT TGAAGTTTAT AGTCCTAGTA TTAGTATGCT GTGAGAGAAT TTATTTTAAT	ATCATAACTA TTTTTTCCCG CTGTACTGAA TTTGTTGTTG TCACATCTGT	CTGCTCTTGA CAATGATAGT AATTTGAAAA TTGTGTTCAT TTATGGGAGA TAACAGGGCA	CCCAAAATGC ATCAGAAAAC AGATGAAGTA CTAGTGGTAC GGCAGTTGAG ATTGATCATC TTTCTAGTTT	CITGAACTCC TGGCTGTCTT CCACCATTTT AGCAGTTTGT ACCTTATTGT ATTTCCTTCT TTGCAAGTTT ATGTCCTTTG
16401 16451 16501 16551 16601 16651	GGTGTTTAAT TGAAGTTTAT AGTCCTAGTA TTAGTATGCT GTGAGAGAAT TTATTTTAAT GTTTCAAACC	ATCATAACTA TTTTTTCCCG CTGTACTGAA TTTGTTGTTG TCACATCTGT GGTTTAAAAA TGCTCCAAGG	CTGCTCTTGA CAATGATAGT AATTTGAAAA TTGTGTTCAT TTATGGGAGA TAACAGGGCA GATAGTATCT	CCCAAAATGC ATCAGAAAAC AGATGAAGTA CTAGTGGTAC GGCAGTTGAG ATTGATCATC TTTCTAGTTT CTGGCCTCAG	CTTGAACTCC TGGCTGTCTT CCACCATTTT AGCAGTTTGT ACCTTATTGT ATTTCCTTCT TTGCAAGTTT ATGTCCTTTG CTTCTGAATT
16401 16451 16501 16551 16601 16651 16701	GGTGTTTAAT TGAAGTTTAT AGTCCTAGTA TTAGTATGCT GTGAGAGAAT TTATTTTAAT GTTTCAAACC GATCCAGTCA	ATCATAACTA TTTTTTCCCG CTGTACTGAA TTTGTTGTTG TCACATCTGT GGTTTAAAAA TGCTCCAAGG TAACAACTTA	CTGCTCTTGA CAATGATAGT AATTTGAAAA TTGTGTTCAT TTATGGGAGA TAACAGGGCA GATAGTATCT ATGGGCATTA	CCCAAAATGC ATCAGAAAAC AGATGAAGTA CTAGTGGTAC GGCAGTTGAG ATTGATCATC TTTCTAGTTT CTGGCCTCAG CTGGGGAGAG	CTTGAACTCC TGGCTGTCTT CCACCATTTT AGCAGTTTGT ACCTTATTGT ATTTCCTTCT TTGCAAGTTT ATGTCCTTTG CTTCTGAATT TTCTTAAGAG
16401 16451 16501 16551 16601 16651 16701 16751	GGTGTTTAAT TGAAGTTTAT AGTCCTAGTA TTAGTATGCT GTGAGAGAAT TTATTTTAAT GTTTCAAACC GATCCAGTCA ACTCTTATCT	ATCATAACTA TTTTTTCCCG CTGTACTGAA TTTGTTGTTG TCACATCTGT GGTTTAAAAA TGCTCCAAGG TAACAACTTA TTTAAGCAGC	CTIGCTICTIGA CAATGATAGT AATTTGAAAA TTIGTGTTCAT TTATGGGAGA TAACAGGGCA GATAGTATCT ATGGGCATTA ATACTCTACT	CCCAAAATGC ATCAGAAAAC AGATGAAGTA CTAGTGGTAC GGCAGTTGAG ATTGATCATC TTTCTAGTTT CTGGCCTCAG CTGGGGAGAG CAATTACCCA	CTTGAACTCC TGGCTGTCTT CCACCATTTT AGCAGTTTGT ACCTTATTGT ATTTCCTTCT TTGCAAGTTT ATGTCCTTTGAATT TTCTTAAGAG GCCTTTTAAT
16401 16451 16501 16551 16601 16651 16701 16751 16801	GGTGTTTAAT TGAAGTTTAT AGTCCTAGTA TTAGTATGCT GTGAGAGAAT TTATTTTAAT GTTCAAACC GATCCAGTCA ACTCTTATCT GGAGGGCAGA	ATCATAACTA TTTTTTCCCG CTGTACTGAA TTTGTTGTTG TCACATCTGT GGTTTAAAAA TGCTCCAAGG TAACAACTTA TTTTAAGCAGC TAGAATAGAA	CTGCTCTTGA CAATGATAGT AATTTGAAAA TTGTGTTCAT TTATGGGAGA TAACAGGGCA GATAGTATCT ATTGGGCATTA ATACTCTACT TATGAAGTTA	CCCAAAATGC ATCAGAAAAC AGATGAAGTA CTAGTGGTAC GGCAGTTGAG ATTGATCATC TTTCTAGTTT CTGGGCTCAG CTGGGGAGAG CAATTACCCA GTGAATTAGT	CTTGAACTCC TGGCTGTCTT CCACCATTTT AGCAGTTTGT ACCTTATTGT ATTTCCTTCT TTGCAAGTTT ATGTCCTTTG ATGTCCTTTG ATTTCTGAATT ATGTCCTTTG ATTTCTTAAGAG GCCTTTTAAT ATTTTGGGCT
16401 16451 16501 16551 16601 16651 16701 16751 16801 16851	GGTGTTTAAT TGAAGTTTAT AGTCCTAGTA TTAGTATGCT GTGAGAGAAT TTATTTTAAT GTTCAAACC GATCCAGTCA ACTCTTATCT GGAGGGCAGA AGAATGAATC	ATCATAACTA TTTTTTCCCG CTGTACTGAA TTTGTTGTTG TCACATCTGT GGTTTAAAAA TGCTCCAAGG TAACAACTTA TTTTAAGCAGC TAGAATAGAA	CTIGCTICTIGA CAATGATAGT AATTTGAAAA TTIGTGTTCAT TTATGGGAGA TAACAGGGCA GATAGTATTCT ATTGGGCATTA ATTATGGGCATTA ATTATGAGGTTA TATGAAGTTA TAGGCTTAACA	CCCAAAATGC ATCAGAAAAC AGATGAAGTA CTAGTGGTAC GGCAGTTGAG ATTGATCATC TITCTAGTTT CTGGCCTCAG CTGGGCAGAG CAATTACCCA GTGAATTAGT TTATAATATC	CTTGAACTCC TGGCTGTCTT CCACCATTTT AGCAGTTTGT ACCTTATTGT ATTTCCTTCT TTGCAAGTTT ATGTCCTTTG ATTTCCTTAAGAG CTTCTTAAGAG GCCTTTTAAT ATTTTGGGCT TTTATAATAT
16401 16451 16501 16551 16601 16651 16701 16751 16801 16851 16901	GGTGTTTAAT TGAAGTTTAT AGTCCTAGTA TTAGTATGCT GTGAGAGAAT TTATTTTAAT GTTTCAAACC GATCCAGTCA ACTCTTATCT GGAGGGCAGA AGAATGAATC TAAGTGAATT	ATCATAACTA TTTTTTCCCG CTGTACTGAA TTTGTTGTTG TCACATCTGT GGTTTAAAAA TGCTCCAAGG TAACAACTTA TTTTAAGCAGC TAGAATAGAA	CTGCTCTTGA CAATGATAGT AATTTGAAAA TTGTGTTCAT TTATGGGAGA TAACAGGGCA GATAGTATCT ATGGGCATTA ATACTCTACT TATGAAGTTA TAGCTTAACA TATGTTGCAT	CCCAAAATGC ATCAGAAAAC AGATGAAGTA CTAGTGGTAC GGCAGTTGAG ATTGATCATC TTTCTAGTTT CTGGCCTCAG CTGGGCAGAG CAATTACCCA GTGAATTAGT TTATAATATC TTCAGTTAAA	CTTGAACTCC TGGCTGTCTT CCACCATTTT AGCAGTTTGT ACCTTATTGT ATTTCCTTCT TTGCAAGTTT ATGTCCTTTG ATTTCCTTAAGAG CTTCTTAAGAG GCCTTTTAAT ATTTTGGGCT TTTATAATAT AAAATTAAAA
16401 16451 16501 16551 16601 16651 16701 16751 16801 16851 16901	GGTGTTTAAT TGAAGTTTAT AGTCCTAGTA TTAGTATGCT GTGAGAGAAT TTATTTTAAT GTTTCAAACC GATCCAGTCA ACTCTTATCT GGAGGGCAGA AGAATGAATC TAAGTGAATT CTAAGTAAAA	ATCATAACTA TTTTTTCCCG CTGTACTGAA TTTGTTGTTG TCACATCTGT GGTTTAAAAA TGCTCCAAGG TAACAACTTA TTTAAGCAGC TAGAATAGAA	CTGCTCTTGA CAATGATAGT AATTTGAAAA TTGTGTTCAT TTATGGGAGA TAACAGGGCA GATAGTATCT ATGGGCATTA ATACTCTACT TATGAAGTTA TAGGAGTTA ATACTTAACA TATGTTGCAT AATATAGATG AATATAGATG AATATAGATG	CCCAAAATGC ATCAGAAAAC AGATGAAGTA CTAGTGGTAC GGCAGTTGAG ATTGATCATC TITCTAGTTT CTGGCCTCAG CTGGGGAGAG CAATTACCA GTGAATTACCA GTGAATTACCA TTTATAATATC TTCAGTTAAA AGAGATTTCA	CTTGAACTCC TGGCTGTCTT CCACCATTTT AGCAGTTTGT ACCTTATTGT ATTTCCTTCT TTGCAAGTTT ATGTCCTTTG ATGTCTTAAGAG ATTTTAAGAAA ATTTTAACTTGT
16401 16451 16501 16551 16601 16651 16701 16801 16851 16901 16951 17001	GGTGTTTAAT TGAAGTTTAT AGTCCTAGTA TTAGTATGCT GTGAGAGAAT TTATTTTAAT GTTTCAAACC GATCCAGTCA ACTCTTATCT GGAGGGCAGA AGAATGAATC TAAGTGAATT CTAAGTGAAAA TTGTTTTTAG	ATCATAACTA TTTTTTCCCG CTGTACTGAA TTTGTTGTTG TCACATCTGT GGTTTAAAAA TGCTCCAAGG TAACAACTTA TTTAAGCAGC TAGAATAGAA	CTGCTCTTGA CAATGATAGT AATTTGAAAA TTGTGTTCAT TTATGGGAGA TAACAGGGCA GATAGTATCT ATGGGCATTA ATACTCTACT TATGAAGTTA TAGGCTTAACA TAGGTTAACA TAGTTGCAT AATATAGATG ATTATTTTTA	CCCAAAATGC ATCAGAAAAC AGATGAAGTA CTAGTGGTAC GGCAGTTGAG ATTGATCATC TITCTAGTTT CTGGCCTCAG CTGGGGAGAG CAATTACCCA GTGAATTACCA GTGAATTAGT TTATAATATC TTCAGTTAAA AGAGATTTCA TTGATGAGCT	CTTGAACTCC TGGCTGTCTT CCACCATTTT AGCAGTTTGT ACCTTATTGT ATTTCCTTCT TTGCAAGTTT ATGTCCTTTG ATGTCCTTTG ATGTCCTTTG ATGTCCTTTG ATGTCCTTTG ATGTCCTTTG ATGTCCTTTG ATGTCCTTTG ATGTCCTTTG ATGTCTTTAAAA ATTTAAAAAA TTTTACTTGT GGATGCACTT
16401 16451 16501 16551 16601 16701 16701 16851 16801 16951 17001 17051	GGTGTTTAAT TGAAGTTTAT AGTCCTAGTA TTAGTATGCT GTGAGAGAAT TTATTTTAAT GTTTCAAACC GATCCAGTCA ACTCTTATCT GGAGGGCAGA AGAATGAATC TAAGTGAATT CTAAGTGAAAA TTGTTTTTAG TGTCCGAAAA	ATCATAACTA TTTTTTCCCG CTGTACTGAA TTTGTTGTTG TCACATCTGT GGTTTAAAAA TGCTCCAAGG TAACAACTTA TTTAAGCAGC TAGAATAGAA	CTIGCTICTIGA CAATGATAGT AATTTGAAAA TTIGTIGTTCAT TTATIGGGAGA TAACAGGGCA GATAGTATCT ATIGGGCATTA ATACTICTACT TATIGAGGTTA TAGGGTTAACA TAIGTTIGCAT AATATAGATIG ATTATTTTTA CCAGAATIGAA	CCCAAAATGC ATCAGAAAAC AGATGAAGTA CTAGTGGTAC GGCAGTTGAG ATTGATCATC TITCTAGTTT CTGGCCTCAG CTGGGGAGAG CAATTACCA GTGAATTAGT TTATAATATC TTCAGTTAAA AGAGATTTCA TTGATGAGCT GTGGAAAAAA	CTTGAACTCC TGGCTGTCTT CCACCATTTT AGCAGTTTGT ACCTTATTGT ATTTCCTTCT TTGCAAGTTT ATGTCCTTTG ATGTCTTGAGAG ATTTACTTGT GGATGCACTT GAGTTGTGGC
16401 16451 16501 16551 16601 16651 16701 16801 16851 16901 17001 17051 17101	GGTGTTTAAT TGAAGTTTAT AGTCCTAGTA TTAGTATGCT GTGAGAGAAT TTATTTTAAT GTTTCAAACC GATCCAGTCA ACTCTTATCT GGAGGCAGA ACAGTGAATC TAAGTGAATC TAAGTGAATT CTAAGTGAAAA TTGTTTTTAG TGTCCGAAAA TTCACTCTTA	ATCATAACTA TTTTTTCCCG CTGTACTGAA TTTGTTGTTG TCACATCTGT GGTTTAAAAA TGCTCCAAGG TAACAACTTA TTTAAGCAGC TAGAATAGAA	CTGCTCTTGA CAATGATAGT AATTTGAAAA TTGTGTTCAT TTATGGGAGA TAACAGGGCA GATAGTATCT ATGGGCATTA ATACTCTACT TATGAAGTTA TAGCTTAACA TAGCTTAACA TAGTTGCAT AATATAGATG ATTATTTTTA CCAGAATGAA ATGGCATTGG	CCCAAAATGC ATCAGAAAAC AGATGAAGTA CTAGTGGTAC GGCAGTTGAG ATTGATCATC TITCTAGTTT CTGGCCTCAG CTGGGGAGAG CAATTACCCA GTGAATTAGT TTATAATATC TTCAGTTAAA AGAGATTTCA TTGATGAGCT GTGGAAAAAA TTCAGTAAGT	CTTGAACTCC TGGCTGTCTT CCACCATTTT AGCAGTTTGT ACCTTATTGT ATTTCCTTCT TTGCAAGTTT ATGTCCTTTG ATGTCTTGAATA ATTTTACTTGT GGATGCACTT GAGTTGTGGC ATAGCACTAG
16401 16451 16501 16551 16601 16651 16751 16801 16851 16901 17001 17051 17101 17151	GGTGTTTAAT TGAAGTTTAT AGTCCTAGTA TTAGTATGCT GTGAGAGAAT TTATTTTAAT GTTTCAAACC GATCCAGTCA ACTCTTATCT GGAGGGCAGA ACAGTGAATC TAAGTGAATC TAAGTGAATC TAAGTGAAAA TTGTTTTTAG TGTCCGAAAA TTCACTCTTA TATTGATTCT	ATCATAACTA TTTTTTCCCG CTGTACTGAA TTTGTTGTTG TCACATCTGT GGTTTAAAAA TGCTCCAAGG TAACAACTTA TTTAAGCAGC TAGAATAGAA	CTGCTCTTGA CAATGATAGT AATTTGAAAA TTGTGTTCAT TTATGGGAGA TAACAGGGCA GATAGTATCT ATGGGCATTA ATACTCTACT TATGAGGTTA TAGCTTAACA TAGCTTAACA TAGTTGCAT AATATAGATG ATTATTTTTA CCAGAATGAA ATGGCATTGG AATTCTTAAT	CCCAAAATGC ATCAGAAAAC AGATGAAGTA CTAGTGGTAC GGCAGTTGAG ATTGATCATC TITCTAGTTT CTGGCCTCAG CTGGGGAGAG CAATTACCCA GTGAATTAGT TTATAATATC TTCAGTTAAA AGAGATTTCA TTGATGAGCT GTGGAAAAAA TTCAGTAAGT ACTTATGTGT	CTTGAACTCC TGGCTGTCTT CCACCATTTT AGCAGTTTGT ACCTTATTGT ATTTCCTTCT TTGCAAGTTT ATGTCCTTTG CTTCTGAATT TTCTTAAGAG GCCTTTTAAT ATTTTGAATT ATTTTAATAAT ATTTTAATAATAT AAAATTTAAAA TTTTACTTGT GGATGCACTT GAGTTGTGGC ATAGCACTAG AGTGGTAAAA
16401 16451 16501 16551 16601 16651 16751 16801 16801 16901 17001 17051 17101 17151 17201	GGTGTTTAAT TGAAGTTTAT AGTCCTAGTA TTAGTATGCT GTGAGAGAAT TTATTTTAAT GTTTCAAACC GATCCAGTCA ACTCTTATCT GGAGGGCAGA AGAATGAATC TAAGTGAATT CTAAGTAAAA TTGTTTTTAG TGTCCGAAAA TTCACTCTTA TATTGATTCT ACTATTGAAT	ATCATAACTA TTTTTTCCCG CTGTACTGAA TTTGTTGTTG TCACATCTGT GGTTTAAAAA TGCTCCAAGG TAACAACTTA TTTAAGCAGC TAGAATAGAA	CTGCTCTTGA CAATGATAGT AATTTGAAAA TTGTGTTCAT TTATGGGAGA TAACAGGGCATTA ATACTCTACT TATGAGGTTTA TAGCTTAACA TAGGTTAACA TATGTTGCAT AATATAGATG AATATAGATG AATATATTTTA CCAGAATGAA ATGGCATTGG AATTCTTAAT CTTTGGATAT	CCCAAAATGC ATCAGAAAAC AGATGAAGTA CTAGTGGTAC GGCAGTTGAG ATTGATCATC TTTCTAGTTT CTGGCCTCAG CTGGGGAGAG CAATTACCCA GTGAATTAGT TTATAATATC TTCAGTTAAA AGAGATTTCA GTGGAAAAAA TTCAGTAAGT ACTGATGAGCT GTGGAAAAAA TTCAGTAAGT ACTTATGTGT TTTAGGATAA	CTTGAACTCC TGGCTGTCTT CCACCATTTT AGCAGTTTGT ACCTTATTGT ATTTCCTTCT TTGCAAGTTT ATGTCCTTTG CTTCTGAATT TTCTTAAGAG GCCTTTTAAT ATTTTTAATAAT ATTTTAATATA AAATTTAAAA TTTTACTTGT GGATGCACTT GAGTTGTGGC ATAGCACTAG AGTGGTAAAA AGGAAAAATA
16401 16451 16501 16551 16601 16751 16751 16801 16951 17001 17051 17101 17151 17201 17251	GGTGTTTAAT TGAAGTTTAT AGTCCTAGTA TTAGTATGCT GTGAGAGAAT TTATTTTAAT GTTTCAAACC GATCCAGTCA ACTCTTATCT GGAGGGCAGA ACAATGAATC TAAGTGAATT CTAAGTAAAA TTGTCTGAAAA TTGCCGAAAA TTCACTCTTA TATTGATTCT ACTATTGAAT TTAGCCATAG	ATCATAACTA TTTTTTCCCG CTGTACTGAA TTTGTTGTTG TCACATCTGT GGTTTAAAAA TGCTCCAAGG TAACAACTTA TTTAAGCAGC TAGAATAGAA	CTGCTCTTGA CAATGATAGT AATTTGAAAA TTGTGTTCAT TTATGGGAGA TAACAGGGCATTA ATACTCTACT TATGAGGTTAA TAGCTTAACA TATGTTGCAT AATATAGATTA TAGATTAT AATATAGATG AATTATTTTA CCAGAATGAA ATGGCATTGG AATTCTTAAT CTTTGGATAT AAAGATCTGT	CCCAAAATGC ATCAGAAAAC AGATGAAGTA CTAGTGGTAC GGCAGTTGAG ATTGATCATC THICTAGTTT CTGGCCTCAG CTGGGGAGAG CAATTACCCA GTGAATTAGT TTATAATATC TTCAGTTAAA AGAGATTTCA TTGATGAGCT GTGGAAAAA TTCAGTAAGT ACTTATGTGT TTTAGGATAA ACATTATGTGT TTTAGGATAA AAAATAATTT	CITGAACTCC TGGCTGTCTT CCACCATTTT AGCAGTTTGT ACCTTATTGT ATTTCCTTCT TTGCAAGTTT ATGTCCTTTG ATGTCCTTTG ATGTCCTTTG ATGTCCTTTG ATGTCCTTTAAT ATGTTCTTAAGAG GCCTTTTAAT ATTTTGGGCT TTTATAATAT AAAATTTAAAA TTTTACTTGT GAGTTGGCACTTG AGTTGGTGAAAA AGGAAAAATA GCTTTAGTAG GCTTTAGTAG
16401 16451 16501 16551 16601 16751 16751 16801 16951 17001 17051 17101 17151 17201 17251 17301	GGTGTTTAAT TGAAGTTTAT AGTCCTAGTA TTAGTATGCT GTGAGAGAAT TTATTTTAAT GTTTCAAACC GATCCAGTCA ACTCTTATCT GGAGGCAGA AGATGAATC TAAGTGAATT CTAAGTGAAAT TTGATTTTAG TGTCCGAAAA TTGCTTATTTAG TGTCCGAAAA TTACTTAGTAGTATCT ACTATTGAAT TTAGCCATAG ATTACTTAGT	ATCATAACTA TTTTTTCCCG CTGTACTGAA TTTGTTGTTG TCACATCTGT GGTTAAAAA TGCTCCAAGG TAACAACTTA TTTAAGCAGC TAGAATAGAA	CTIGCTICTIGA CAATGATAGT AATTTIGAAAA TTIGTGTTCAT TTATGGGAGA TAACAGGGCA GATAGTATCT ATGGGCATTA ATACTCTACT TATGAAGTTA TAGCTTAACA TATGTTIGCAT AATATAGATG ATTATTTTTA CCAGAATGAA ATGGCATTGA ATTGTTTTTAT CCAGAATGAA ATGGCATTGAAT CTTTIGGATAT AAAGATCTGT ACAACATCAT	CCCAAAATGC ATCAGAAAAC AGATGAAGTA CTAGTGGTAC GGCAGTTGAG ATTGATCATC THICTAGTTT CTGGCCTCAG CTGGGGAGAG CAATTACCCA GTGAATTAGT TTATAATATC TTCAGTTAAA AGAGATTTCA TTGATGAGCT GTGGAAAAAA TTCAGTAAGT ACTTATGTGT ACTTATGTGT ACTTATGTGT ACCTGGCAG	CTTGAACTCC TGGCTGTCTT CCACCATTTT AGCAGTTTGT ACCTTATTGT ATTTCCTTCT TTGCAAGTTT ATGTCCTTTCT ATGTCCTTTCT ATGTCCTTTCT ATGTCCTTTCT ATGTCCTTTCT ATGTCCTTTT ATGTCCTTTT ATGTCTTTAATA ATTTTGGGCT TTTATAATAT AAAATTAAAA TTTTACTTGT GAGTTGTGCC ATAGCACTAG AGTGCTAAAA AGGAAAAATA GCTTTAGTAG GTTTTTCTA
16401 16451 16501 16551 16601 16651 16701 16751 16801 16951 17001 17051 17101 17151 17201 17251 17301 17351	GGTGTTTAAT TGAAGTTTAT AGTCCTAGTA TTAGTATGCT GTGAGAGAAT TTATTTTAAT GTTTCAAACC GATCCAGTCA ACTCTTATCT GGAGGCAGA AGAATGAATC TAAGTGAATT CTAAGTGAAAT TTGACTTTAG TGTCCGAAAA TTGCTCTTA TATTGATTCT ACTATTGAAT ACTATTGAAT ACTATTGAAT TTAGCCATAG ATTACTTAGT GCATAAAA	ATCATAACTA TTTTTTCCCG CTGTACTGAA TTTGTTGTTG TCACATCTGT GGTTTAAAAA TGCTCCAAGG TAACAACTTA ATTTAAGCAGC TAGAATAGAA	CTIGCTICTIGA CAATGATAGT AATTTGAAAA TTIGTGTTCAT TTATGGGAGA TAACAGGGCA GATAGTATCT ATGGGCATTA ATACTCTACT TATGAAGTTA TAGCTTAACA TATGTTGCAT AATATAGATG ATTATTTTTA CCAGAATGAA ATGGCATTGA AATTCTTAAT CTTTGGATAT AAAGATCTGT ACAACATCAT TGATGGATTT	CCCAAAATGC ATCAGAAAAC AGATGAAGTA CTAGTGGTAC GCAGTTGAG ATTGATCATC TTICTAGTTT CTGGGCCTCAG CTGGGGAGAG CAATTACCCA GTGAATTAGT TTATAATATC TTCAGTTAAA AGAGATTTCA TTGATGAGCT GTGGAAAAAA TTCAGTAAGT ACTTATGTGT TTTAGGATAA AAAATAATTT AACCTGGCAG ATTTTGTGAT	CTTGAACTCC TGGCTGTCTT CCACCATTTT AGCAGTTTGT ACCTTATTGT ATTTCCTTCT TTGCAAGTTT ATGTCCTTTG ATGTCCTTTG ATGTCCTTTG ATGTCCTTTG ATGTCCTTTG ATGTCCTTTG ATTTTGAGAG GCCTTTTAAT ATTTTGGGCT TTTATAATAT AAAATTAAAA TTTTACTTGT GAGTGCACTT GAGTTGTGGC ATAGCACTAG AGTGGTAAAA AGGAAAAATA AGCTTTAGTAG GTTTTTCTA AAATGCTGTT
16401 16451 16501 16651 16601 16701 16751 16801 16951 17001 17051 17101 17151 17201 17351 17301 17351 17401	GGTGTTTAAT TGAAGTTTAT AGTCCTAGTA TTAGTATGCT GTGAGAGAAT TTATTTTAAT GTTTCAAACC GATCCAGTCA ACTCTTATCT GGAGGGCAGA AGAATGAATC TAAGTGAATT CTAAGTGAATT CTAAGTGAATA TTGTTTTAG TGTCCGAAAA TTCACTCTTA TATTGATTCT ACTATTGATTCT ACTATTGATAGT ACTATTGATAGT GCATAGAAA AGCTTTAAAA AGCTTTAAAA	ATCATAACTA TTTTTTCCCG CTGTACTGAA TTTGTTGTTG TCACATCTGT GGTTTAAAAA TGCTCCAAGG TAACAACTTA TTTAAGCAGC TAGAATAGAA	CTIGCTICTIGA CAATGATAGT AATTTGAAAA TTIGTGTTCAT TTATGGGAGA TAACAGGGCA GATAGTATCT ATGGGCATTA ATACTCTACT TATGAAGTTA TAGCTTAACA TATGTTGCAT AATATAGATG ATTATTTTA CCAGAATGAA ATGGCATTGG AATTCTTAAT CTTTGGATTAT AAAGATCTT AAAGATCTT ACACCATCAT TGATGGATTT AGATCAGTAA	CCCAAAATGC ATCAGAAAAC AGATGAAGTA CTAGTGGTAC GGCAGTTGAG ATTGATCATC TTTCTAGTTT CTGGCCTCAG CTGGGGAGAG CAATTACCCA GTGAATTAGT TTATAATATC TTCAGTTAAA AGAGATTTCA TTGAGTAAGT ACTTATGTGT ACTTATGTGT ACTTATGTGT ACCTGGCAG ATTTTTGGATAA AAAATAATTT AACCTGGCAG ATTTTGTGAT GGAAGATTTA	CTTGAACTCC TGGCTGTCTT CCACCATTTT AGCAGTTTGT ACCTTATTGT ATTTCCTTCT TTGCAAGTTT ATGCCTTTG CTTCTGAATT TTCCTTAAGAG GCCTTTTAAT ATTTTGGCCT TTTATAATAT AAAATTAAAA TTTTACTTGT GGATGCACTT GAGTTGTGGC ATAGCACTAG AGTGGTAAAA AGGAAAAATA GCTTTAGTAG GTTTTTCTA AAATGCTGTT GCAGTTAAAT GCAGTTAAAT GCAGTTAAAT
16401 16451 16501 16651 16601 16701 16751 16801 16951 17001 17051 17101 17151 17201 17351 17301 17351 17401	GGTGTTTAAT TGAAGTTTAT AGTCCTAGTA TTAGTATGCT GTGAGAGAAT TTATTTTAAT GTTTCAAACC GATCCAGTCA ACTCTTATCT GGAGGGCAGA AGAATGAATC TAAGTGAATT CTAAGTGAATT CTAAGTGAATA TTGTTTTAG TGTCCGAAAA TTCACTCTTA TATTGATTCT ACTATTGATTCT ACTATTGATAGT ACTATTGATAGT GCATAGAAA AGCTTTAAAA AGCTTTAAAA	ATCATAACTA TTTTTTCCCG CTGTACTGAA TTTGTTGTTG TCACATCTGT GGTTTAAAAA TGCTCCAAGG TAACAACTTA ATTTAAGCAGC TAGAATAGAA	CTIGCTICTIGA CAATGATAGT AATTTGAAAA TTIGTGTTCAT TTATGGGAGA TAACAGGGCA GATAGTATCT ATGGGCATTA ATACTCTACT TATGAAGTTA TAGCTTAACA TATGTTGCAT AATATAGATG ATTATTTTA CCAGAATGAA ATGGCATTGG AATTCTTAAT CTTTGGATTAT AAAGATCTT AAAGATCTT ACACCATCAT TGATGGATTT AGATCAGTAA	CCCAAAATGC ATCAGAAAAC AGATGAAGTA CTAGTGGTAC GGCAGTTGAG ATTGATCATC TTTCTAGTTT CTGGCCTCAG CTGGGGAGAG CAATTACCCA GTGAATTAGT TTATAATATC TTCAGTTAAA AGAGATTTCA TTGAGTAAGT ACTTATGTGT ACTTATGTGT ACTTATGTGT ACCTGGCAG ATTTTTGGATAA AAAATAATTT AACCTGGCAG ATTTTGTGAT GGAAGATTTA	CTTGAACTCC TGGCTGTCTT CCACCATTTT AGCAGTTTGT ACCTTATTGT ATTTCCTTCT TTGCAAGTTT ATGCCTTTG CTTCTGAATT TTCCTTAAGAG GCCTTTTAAT ATTTTGGCCT TTTATAATAT AAAATTAAAA TTTTACTTGT GGATGCACTT GAGTTGTGGC ATAGCACTAG AGTGGTAAAA AGGAAAAATA GCTTTAGTAG GTTTTTCTA AAATGCTGTT GCAGTTAAAT GCAGTTAAAT GCAGTTAAAT

17501 AGTICTIGCCC TIGTCATCCAG GCTGGAGTIGC AGTIGGGGCAG TICTCAGCT	
17551 CTGCAACCTC CACCTTCCAG GTTCAAGCGA TTCTCCTGCC TCAGCCTC 17601 GAGTAGCTGG GACTACAGGC ATGCACCATC ACACCTGGCT AATTTTTT	끘
17651 TAAATCTTCT TAGTAGAGAT GGGGTTTCAC CATGTTGGCC AGGCTGG	
17701 CGAACTOCTT ACCTTGTCAT CTACCCGCCT TGGCCTTCCA AAGTGCTC	
17751 ATTATAGGIG TGAGCCGCTA CATCTGGCCT TAGGGGTTTT TATTAAG	
17801 TGTCATGAGT AAGTCTTATT ACCCATGTAC AAATGGACTC TTTCAAG	
17851 TTGTACTAGG GAAATGAAAG AAAGTGAGAA TAATGCGAAA TGTTTTG	
17901 AACATITAAA AAAAAACITA TICATATTAC CAGATTCTCT CATAGGG	
17951 ATGITCTITC TITTITTT TITTITTT TITTITGAG ACAGAGT	
18001 GCTCTTGTTG CCCAGGCTGG AGTGCAATGG CACAATCTCG GCTCACCC	ĊΑ
18051 ACCTICTGCCT CCCAGGTTCA AGCAATTICTIC CTGCCTCAGC CTCCCGAC	
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18151 GTAGAGACGG GGTTTCTCCA TGTTCAGGCT GGTCTCGAGC TCCTGACC	
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18651 TIGCTATCCCT CIGCCCCTCCC CCAACTCCAC AACAGGCCCC AGAGTIGTO	AT
18701 GGTCCCCTTC CTGTGTCCAT GTGTTCTCAT TGTTCAATTC CCATCTAT	
18751 GTGAGAACAT GCAGTGTTTG GTTTTTTGTC CTTGCGATAG TTTGCTG	
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19301 TGCATAAATG TCTTCTTCTG AGAAGTGTCT GTTCATATCC TTTGCCC	<b>VCT</b>
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20201 GTAGTTIGTA GTTCTCCTTG AAGAGGTCCT TCACGTCCCT TGTAAGT	
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20401 AGCTTAAGGA AGTTTTGGGC TGAGACAGTG GGGTTTTCTA GATATACA	AT
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20501 TACCCITTAT TICCTICTCC TGCCTGATTG CCCTGGCCAG AACTTCC/	
20551 ACTATGTTGA ATAGGAGTGT TGAGAGAGGG CATCCCTGTC TTGTGCC	<b>VGT</b>
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20601 TITICAAAGG AATGCITICA GITTITIGOCT ATTCAGTATG ATACTIGG 20651 TIGGITTIGTC ATAGATAGCT CITATTATTT TIGAGATATIGT COCATICAA 20701 CCTAATTTAT TIGAGAGTITT TIAGCATGAAG GITGITIGAAT TITTIGTCAA 20751 GCCTITTICTIG CATCTATTIGA GATAATCATIG TIGGITTITIGT CTTTIGGTT 20801 GITTIATATIGC TIGGATTACAT TITATTIGATTT GCATATATTIG AACCAGCO 20851 GCATCCCAGG GATGAAGCCC GCTTGATCAT GGTGGATAAG CTTTTTTGA	TG TG TA VAG TT TG VAT

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	ATTCCCTCTT				
	TTCCTCCTTG				
21151	GACTCTTTT	GGTTGGTAAG	CTATIGATTA	TTGCCACAAT	TTCAGATCCI
21201	GTTATTGGTC	TATTCAGAGA	TICAACITCT	TCCTGGTTTA	GICTIGGGAG
21251	GGTGTATGTG	TOGAGGAATG	TATCCATTIC	TTCTAGATTT	TCTAGTTTAL
	TTGCGTAGAG				
	GGATCGGTGC				
	CTTCTCTCTT				
21451	TCATCCTTCC	AAAAAACCAG	CICCIGGII	CATTANIGIT	IIGAAGGGII
	TITTIATGIC				
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21651	GCATTTAGT	CCTATAAATT	TOCOTOTACA	CACTECTOR	AATCTCTCCC
21701	AGAGATTCTG	CTATCTTCTC	TOTAL	CALIBETTIC	AAAGAACATC
21701	THATTICIG	CTICATTIC	GTATGTACC	CACTACTCAT	TCAGGAGCAG
21801	GIIGIICAGI	TTCCATGTAG	TIGAGCAGTT	TIGAGIGAGI	TTCTTAATCC
21851	TGAGTTGTAG	TITICATTICCA	CIGIGACIA	AGAGACAGIT	TGTTATAATT
21901	TCIGITCITI	TACATTIGCT	GAGGAGAGCT	TTACTTCCAA	CTATGTGGTC
21951	AATTATGGAA	TAGGIGIGGI	GTGGTGCTGA	AAAGAATGTA	TATTCIGTIG
22001	<b>ATCTGGGGTG</b>	GAGAGTTGTG	<b>TAGGTGTCTA</b>	TTAGGTCCAC	TTGTTGCAGA
22051	GATGAGTTCA	<b>ATTCCTGGGT</b>	<b>ATCCTTGTTA</b>	<b>ACTITICITY</b>	TTGTTGATCT
22101	<b>GICTAATGIT</b>	GACAGTGGGG	TGTGAAAGTC	TCCCATTATT	ATTGTGTGGG
22151	CGTCTAAGTC	TCTTTGTAGG	<b>TCACTCAGGA</b>	CTTGCTTTAT	GAATCTGGGT
22201	<b>GCTCCTGTTT</b>	<b>TGGGTGCATA</b>	TATATTTAGG	<b>ATAGTTAGCT</b>	CITCGIGIIG
22251	AATTGATCCC	TTTACCATTA	TGTAATGGCC	TICITIGICI	CTTTTGATCT
22301	TIGHIGGITT	AAAGTCTGTT	TTATCAGAGA	CTAGGATTGC	AAGCCCTTGCC
22351	пппп	TTCCATTTGC	TTGGTAGATC	TCCCTCCATC	CTTTATTT
22401	GAGCCTATGT	GIGICICIGC	ACGTGAGATG	GGTTTCCTGA	ATACAGCACA
22451	CTGATGGGTC	TIGACICITI	AICCAGITIG	CCAGICIGIG	TCTTTAATT
	GGAGCATTTA TGATCCTGTC				
22501	AGTTICTICC	TACTUTO	CCTCTTTACA	TTTTGCCATC	ATTITICAGE
22651	AGCTGGTACC	GITGITCI	TICCATGITT	AGTGTTTCCT	TCAGGAGCTC
22701	TTTTAGGGCA	GCCTGGTGG	TGACAAAATC	TCTCAGCATT	TGCTTGTCTG
22751	TAAAGTATTT	TATTTCTCCT	TCACTTATGA	AGCITAGTTT	GGCTGGATAT
22801	GAAATTCTGG	<b>GTTGAAAATT</b>	СППСППА	<b>AGAATGTTGA</b>	ATATTGGCCC
22851	CCACTCTCTT	CTGGCTTGTA	GAGTTTCTGC	CGAGAGAATC	GCTGTTAGTC
22901	TGATGGGCTT	CCTTIGIGGG	TAACTGACCT	TICICICIGG	CTGCTCTTAA
22951	CATTIGICCT	TCATTTAACT	TIGGIGAAIC	TGACAATTAT	GIGICIIGGA
2300T	ATTIGCTICTTC CTGAATGTTG	COCTOC	CTACATTCCC	CAACTICTCT	TTCATAATAT
23U3T	CCTGCAGAGT	CITTOCAAC	TICCITICAT	TCTCCCCCTC	ACTITICANCE
23101	ACACCAATCA	GACCTAGATT	TEGETTITE	ACATAGTCCC	ATATTTCTIG
23201	GATGCTTTGT	папст	TIATICITIE	TICTCTAAAC	TICCCTICIT
23251	GCTTCATTTC	ATTCATGTCA	TCTTCCATCA	CTGATACCCT	TTCTTCCAGT
23301	TGATCGCATC	<b>GGCTCCTGAG</b>	<b>GCTTTTGCAT</b>	TCTTCACGTA	GTTCTCGAGC
23351	CTTGGCTTTC	<b>AGCTCCATCA</b>	<b>GCTCCTTTAA</b>	<b>GCACTTCTCT</b>	<b>GTATTGGTTA</b>
23401	TICIAGITAT	ACATTCGCCT	AAATTTTTT	CAAAGTTTTC	AACTTCTTTG
23451	ссптестт	GAATTTCCTC	CCGTAGCTCG	GAGTAGTTTG	ATCGTCTGAA
23501	<b>GCCTTCCTCT</b>	CTCAACITGT	CAAAGICATT	CICCGICCAG	CITIGHTCIG
2355T	TTAGAGTTTC	GGAACIGCGI	CCTTIGGAA	GAGGAGAGGC	ACICIGCITI
230UT	ATCITIGITE	COCTATION	CATCCTCATC	TACACCTICC	TITTICCIC
23701 23701	GGATGTCCTT	TOTALITICAL	ACTITICATE	CTAACAGACA	CCCCCTCAG
23751	CTGCAGGTCT	எண்	GCTAGAGGTC	CACTCCAGAC	COGITICO
23801	TGGGTATCAA	CAGCGGTGTC	TGCAGAACAG	TGGATTTTCC	TGAACCGCGA
23851	<b>ATGCTGCTGT</b>	CTGATCGTTC	CTCTGGAAGT	TITIGICTCAG	AGGAATACCC
23901	GCCCGTGTGA	<b>GGTGTCAGTC</b>	TGCCCCTACT	GGGGGTGCCT	CCCAGTTAGG
	CTGCTCGGGT				
24001	TTCTCAGATC	TCCAGCTGCG	TGCTGGGAGA	ACCACGGCTC	TCTTCAAAGC
24051	TGTCAGACAG	GGACATTTAA	GTCTGCAGAG	GITACTGCTG	ICITITIGIT
24101	TGTCTGTGCC	CTGCCCCAG	AGGTGGAGCC	IACAGAGGCA	GGCAGGCTTC
24151	CTTGAGCTGT	GAACCAACCA	ACCUAGITICA	MGC11CCGG	TOCCCCACCC
	TCACTGCCGC				
24231	AGACTOOGTG	CECCTACEAC	CTCCACC	AGGTGGGGA	TATAATCTCC
24351	TEGTECACCE	TTTCCTAAGC	CCATCGGAAA	AGCGCGGTAT	TAGGGTGGGA
24401	GTGACCCGAT	ATTCCAGGTG	CTGTCTGTCA	CCCCTTTCCT	TGACCAGCAA
24451	AGGGAACTCC	CTGACCCCTT	GCACTTCCCCG	AGTGAGGCAA	TGCCTCACCC

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24501 TGCTTCGGCT CGCACACGGT GCGCTGCACC CACTGTCCTG CACCCACTTT
24551 CTGGCACTCC CTAGTGAGAT GAACCTGGTA CCTCAGATGG AAATACAGAA
24601 ATCACCTGTC TTCTGTGTTG CTCACGCTGG GAGCTGTAGA CCGGAGCTGT
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25751 TAAAACAATT AAAACAATTA TATGGTACAT ATTATATATA TGTTATTTTT
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27951 GTGGAAATAT GGGTATTTAA GGCCTGCATG GCCTGGGTTA GATCGTGAGA

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	GTCATCAGGA				
28051	CCTTGTGGGG	GCAGTTAAGA	TGTCCAGGGC	CATGCAATTT	TACAAAGAAG
28101	<b>GGTGCATGAC</b>	ACACTATCTC	TGTCTCACTG	CTGTCATCCA	CTCTAGCCCA
28151	<b>TCATTGTGTA</b>	CAGCCTACCT	ACAGTGGGGA	GTGACATTAA	CITIGCTCCTT
28201	TACCAGGCGG	AAAATATGCC	<b>ATCTCATGTT</b>	GTIGGTGGTG	GGAAACTTGC
28251	TGCATGAGGT	<b>GCTGTTGTCG</b>	CTGAAGGGGA	ATAGGTGAAG	GTCACTATAC
28301	CAAGTATCGA	AGTGGCCCCA	<b>GGTACTCATG</b>	TTAACTGCCT	TGGTGTGGCA
28351	TGGCAGGCCC	ACAGCGGAGG	ACACCCCCAG	CTCTCCGCAG	ACCCAGCAGT
28401	CIGITICIT	CTTGGAGAGAG	ATAACCATCT	GCACCCAGTC	AGCAAAGAGG
20701	TTTGCGGCAC	ACCATICTATIC	CCCAAAACCE	GAGTTGTTTA	GTGGTACAA
20471	GAAAGGACAA	CTCCTCCCA	TTTAACAAGA	CATTOGGAGT	TGTGTCATTC
20JUL	TGAGAGAGCA	CCACCCCCCCC	CACCACCCTC	ATCCCTCCTT	TACAATACCA
7033T	AATGGACTGG	COCCOCTICG	TAATCTCTC	CACCACCCCA	GAGGAAGACA
2000T	AAIGGALIGG	CIGOCICIG	CACACCATCT	TCATCCCCTT	CCACAACGGA
7902T	GTGGAGGTAT	AGIGITICAL	GAGAGGAIGI	TOTAL	CCTATCAAAT
78/0T	GGACTAGGAT	TOATIATITI	AGAAT IACAG	TECCOCAT	CCACCACAAA
58/2T	AGGTGTGACA	IAIAIAICCI	GITCIAGGCC	CTICCCAT	CTAATCATCT
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5882T	GCTCCCCAGT	AGGITGGICC	IGIGGCAAGG	GCCATAGCAG	ATTACTITIES
28901	GTCCCAGGTT	GGGGGCAAAG	GICIGCIGIC	CCLIACCEG	ICIACCIGIA
28951	TCCTGATGGT	CGTATCACAT	CCTIGIGITA	GAAGAGIAIA	CATGATGGG
29001	TGATGAGAAT	GTGCATATTT	ATTCAGTTIG	TGCACGGCTG	CIGGIAAGCA
29051	GCGTGTCCAC	AGAGCCAACT	CCTATAGGAG	TIGITICAAC	AGTOCATTCA
29101	ATTTGTTCAG	TCAGCCCCAC	TGCTGTAGGG	TTGTACGGCA	GGTGAAAATG
29151	CCAGTGGATA	TCCAGGGCCT	CTGCCTATTC	TTGTACTTTA	TATCTGGTAA
29201	<b>AGTACGAGCC</b>	CTAGTCATTG	TTAATTTTT	ПППППП	GAGATGGAGT
29251	TTCGCTCTTG	TTGCCCAGAC	TGGAGCGCAA	TGGCGCGATC	TCGGCTCACT
29301	GCAACCTCCG	CCTCCTGAGT	TCAAGCAATT	CTCCTGCCTC	AGCCTCCTGA
29351	<b>GTAGCTGGGA</b>	TTACAGGTGT	<b>GTACCACCAC</b>	<b>ACCTGGCTAA</b>	TTTTTGTAT
29401	TTTTAGTAGA	GACAGGTTTC	<b>ACTATGTTGG</b>	<b>GCAGGCTGGT</b>	CTCAAACTCC
29451	TGACCTCAGG	TGATCCACCC	GCCTCAGCCT	CCCAAAGTGG	TGGGATTACA
29501	GGCGTGAGCC	ACTGTGTCTG	GCCCATTGTC	<b>ACTATTGATG</b>	GAGACGCTGT
29551	AGGCTGCACA	CATCIGITCI	<b>GGTCCTTTTA</b>	TGGTGGCATG	CTTGCTGGGT
29601	TATGCTCGTT	വ്യാ	GCAGGITICT	<b>GCACAAGTTA</b>	AGGCATAGTG
29651	GCAGCCATCC	AATAGGGGCA	AAGATCCTAT	GTAGTCTACC	TGCCACCATT
29701	GTGCTGGGCT	CIECCCTEG	GIGATCTITC	TIGITATICAGG	TGGCAAGGGC
20751	CTGGGGTGTT	CTGGGGCTGG	CCTAACACAT	TECTEACAGA	TGTGTACTGT
20201	GICITIGIAT	CATACTECCA	CCCTCCAATT	CTITICATE	GCCCAAAGGG
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	TCTGTGGGGA				
	TTGATTTCCA				
20001	ATTITATICA	TOCCOCACAT	CCAATCCCCA	ATCTCCTTCT	ACATETCAGE
300E1	GCACCAAAGG	ACCTICACCTIC	CTACTICTCA	CTCCTCTCCT	TOCCATTOTA
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20727	AGATIATTIA	AATTAACACC	CETTCACCTICE	AIAGGCIACA	IGCAMIACI
20201	GIGCLATTT	AIAIAAGAGG			TOCTATOTTA
3052T	GGGGICCIGG		CCATACATAC	TAACCCATCA	TGGTATCTTA
3030T	T	AACCGATACC	CCATAGATAC	TAAGGGATGA	TGGTATCTTA CTGTATCCTA
	TCAGACTTTT	CCAAAGTACA	CCATAGATAC CACACACACA	TAAGGGATGA CACACACACA	TGGTATCTTA CTGTATCCTA CACACACACG
30351	CACGCACACA	CCAAAGTACA CATGTAATCA	CCATAGATAC CACACACACA GATGCATTGT	TAAGGGATGA CACACACACA TGGCAGTATT	TGGTATCCTA CTGTATCCTA CACACACG GATGAAGACA
30401	CACGCACACA	CCAAAGTACA CATGTAATCA ATATATCGTG	CCATAGATAC CACACACACA GATGCATTGT CTGTGGAAAT	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA	TGGTATCTTA CTGTATCCTA CACACACACG GATGAAGACA TGTGTACTGG
30401 30451	CACGCACACA ATATTTATTG AGAATCACAA	CCAAAGTACA CATGTAATCA ATATATCGTG TTTTCCTTAA	CCATAGATAC CACACACACA GATGCATTGT CTGTGGAAAT GGAATGTCAT	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCCGGATGCC	TIGGTATICITA CTIGTATICCTA CACACACACG GATGAAGACA TIGTGTACTIGG TIGTTAACTTC
30401 30451 30501	CACGCACACA ATATTTATTG AGAATCACAA AGACAGCCCA	CCAAAGTACA CATGTAATCA ATATATCGTG TTTTCCTTAA CCTGTGAGTA	CCATAGATAC CACACACAC GATGCATTGT CTGTGGAAAT GGAATGTCAT CACAGGACTG	TAAGGGATGA CACACACAC TGGCAGTATT CAGGGAGAAA GCCGGATGCC CTGGGTCTGG	TIGGTATICITA CIGTATICCTA CACACACACG GATGAAGACA TIGTIGTACTIGG TIGTTAACTTIC CITTATAGAGG
30401 30451 30501 30551	CACGCACACA ATATTTATTG AGAATCACAA AGACAGCCCA AGGACCATCC	CCAAAGTACA CATGTAATCA ATATATCGTG TTTTCCTTAA CCTGTGAGTA TGGCAGCTTG	CCATAGATAC CACACACACA GATGCATTGT CTGTGGAAAT GGAATGTCAT CACAGGACTG CAGCTCAGCT	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCCGGATGCC CTGGGTCTGG CATTGGCTGC	TIGGTATICITA CIGTATICCTA CACACACACG GATGAAGACA TIGTIGTACTIGG TIGTTAACTTIC CITTATAGAGG TATIGTICCTTIG
30401 30451 30501 30551 30601	CACGCACACA ATATTTATTG AGAATCACAA AGACAGCCCA AGGACCATCC GCCTGTATCA	CCAAAGTACA CATIGTAATCA ATATATCGTG TTTTICCTTAA CCTIGTGAGTA TCGCAGCTTG TCAATCCAGA	CCATAGATAC CACACACACA GATGCATTGT CTGTGGAAAT GGAATGTCAT CACAGGACTG CAGCTCAGCT	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCCGGATGCC CTGGGTCTGG CATTGGCTGC GGATGGCTGG	TIGGTATICITA CIGTATICCTA CACACACACG GATGAAGACA TIGTTACTTIG TIGTTAACTTIC CITTATAGAGG TATGTCCTTIG ATGGCTATICC
30401 30451 30501 30551 30601 30651	CACGCACACA ATATTTATTG AGAATCACAA AGACAGCCCA AGGACCATCC GCCTGTATCA CTGCTCAAGT	CCAAAGTACA CATIGTAATCA ATATATCGTG TTTTICCTTAA CCTIGTGAGTA TCGCAGCTTG TCAATCCAGA GCAAGGATTG	CCATAGATAC CACACACACA GATGCATTGT CTGTGGAAAT GGATIGTCAT CACAGGACTIG CAGCTCAGCT TCCTIGTCAGT TCCTIGTCAGT	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCCGGATCTCG CTGGGTCTGC CATTGGCTGC GGATGGCTGG AGCTGTTTGT	TIGGTATICITA CIGTATICCTA CACACACACG GATGAAGACA TIGTTACTTIG TIGTTAACTTIC CITTATAGAGG TATIGTICCTTIG ATTIGTICCTTIG ATTIGTICCTTIG GTACCAGGCC
30401 30451 30501 30551 30601 30651 30701	CACGCACACA ATATTTATTG AGAATCACAA AGACAGCCCA AGGACCATCC GCCTGTATCA CTGCTCAAGT TGGTCAGTCA	CCAAAGTACA CATGTAATCA ATATATCGTG TTTTCCTTAA CCTGTGAGTA TGGCAGCTTG TCAATCCAGA GCAAGGATTG TTGGGCGGTC	CCATAGATAC CACACACACA GATGCATTGT CTGTGGAAAT GGAATGTCAT CACAGGACTG CAGCTCAGCT	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCCGGATGCC CTGGGTCTGG CATTGGCTGC GGATGGCTGG AGCTGTTTGT CCCTGTCTAT	TIGGTATICITA CIGTATICCTA CACACACACG GATGAAGACA TIGTTACTIGG TIGTTACTIGG TATTAGAGG TATGTCCTTG ATGGCTATGC GTACCAGGCC CCTGTATGAA
30401 30451 30501 30551 30601 30651 30701 30751	CACGCACACA ATATTTATTG AGAATCACAA AGACCACCCA AGGACCATCC GCCTGTTATCA CTGCTCAAGT TGGTCAGTCA GGAGAGCATC	CCAAAGTACA CATGTAATCA ATATATCGTG TTTTCCTTAA CCTGTGAGTA TGGCAGCTTG TCAATCCAGA GCAAGGATTG TTGGCCGGTC TGTGGAGGCT	CCATAGATAC CACACACACA GATGCATTGT CTGTGGAAAT GGAATGTCAT CACAGGACTG CAGCTCAGCT	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCCGGATGCC CTGGGTCTGG CATTGGCTGC GGATGCCTGG AGCTGTTTGT CCCTGTCTAT CCTAAAAGAC	TIGGTATICITA CIGTATICCTA CACACACACG GATGAAGACA TIGTTACTTG TIGTTACTTG TATTAGAGG TATTGTCCTTG ATTGCCTATG ATTGCCTATGC CGTACCAGGCC CCTGTATGAA TATGTGACAG
30401 30451 30501 30551 30601 30651 30701 30751 30801	CACGCACACA ATATTTATTG AGAATCACAA AGACAGCCCA AGGACCATCC GCCTGTATCA CTGCTCAAGT TGGTCAGTCA GGAGAGCATC TTGTTACATA	CCAAAGTACA CATGTAATCA ATATATCGTG TTTTCCTTAA CCTGTGAGTA TGGCAGCTTG TCAATCCAGA GCAAGGATTG TTGGGCGGTC TGTGGAGGCT GATGACAGGG	CCATAGATAC CACACACACA GATGCATTIGT CTGTTGGAAAT GGAATGTCAT CACAGGACTG CAGCTCAGCT	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCCGGATGCC CTGGGTCTGG CATTGGCTGC GGATGGCTGC AGCTGTTTTGT CCCTGTCTAT CCTAAAAGAC AATGGAGCTC	TIGGTATICITA CIGTATICCTA CACACACACG GATGAAGACA TIGTTACTTIC CITATAGAGG TATIGTICCTTIG ATTIGCTATIC GTACCAGGCC CCTIGTATIGAA TATIGTIGACAG TIGAGCTICAAG TIGAGCTICAAG TIGAGCTICAAG TIGAGCTICAAG
30401 30451 30501 30551 30601 30651 30701 30751 30801 30851	CACGCACACA ATATTTATTG AGAATCACAA AGACAGCCCA AGGACCATCC GCCTGTATCA CTGCTCAAGT TGGTCAGTCA GGAGAGCATC TTGTTACATA GGGCTATTAA	CCAAAGTACA CATGTAATCA ATATATCGTG TTTTCCTTAA CCTGTGAGTA TGGCAGCTTG TCAATCCAGA GCAAGGATTG TTGGGAGGCT TGTGGAGGCT TGTGGAGGCT TGTTGGAGGCT TGTTGGAGGCT TGTTGGAGGCT TGTTGGAGGCT TGTTGCACAGGG TGTTGCTCCTT	CCATAGATAC CACACACACA GATGCATTIGT CTGTTGGAAAT GGAATGTCAT CACAGGACTG CAGCTCAGCT	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCCGGATGCC CTGGGTCTGG CATTGGCTGC GGATGGCTGC AGCTGTTTTGT CCCTGTCTAT CCTAAAAGAC AATGGAGCTC ATGTAAGCCA	TIGGTATICITA CIGTATICCTA CACACACAG GATGAAGACA TIGTTACTTG TIGTTAACTTC CITATAGAGG TATIGTCCTTIG ATTGCCTATGC GTACCAGGCC CCTIGTATGAA TATIGTGACAG TIGAGCTCAAG TIGAGCTCAAG TITTGGCCACA
30401 30451 30501 30551 30601 30651 30701 30751 30801 30851 30901	CACGCACACA ATATTTATTG AGAATCACAA AGACAGCCCA AGGACCATCC GCCTGTATCA CTGCTCAAGT TGGTCAGTCA GGAGAGCATC TTGTTACATT AGGGCTATTAA GGGCTATTAA GTCTGTGTCT	CCAAAGTACA CATGTAATCA ATATATCGTG TTTTCCTTAA CCTGTGAGTA TGGCAGCTTG TCAATCCAGA GCAAGGATTG TTGGCGGGTC TGTGGAGGGCT GATGACAGGG TGTGCTCCCT GGGCCATTCCCC	CCATAGATAC CACACACACA GATGCATTGT CTGTGGAAAT GGAATGTCAT CACAGGACTG CAGCTCAGCT	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCCGGATGCC CTGGGTCTGG CATTGGCTGC GGATGGCTGC AGCTGTTTGT CCCTAAAAGAC AATGGAGCTC ATGTAAGCCA TTCTGGAAGA	TIGGTATICITA CIGTATICCTA CACACACACG GATGAAGACA TIGTTAACTTC CITATAGAGG TATIGTCCTTIG ATTGCTATTGC GTACCAGGCC CCTGTATIGAA TATIGTGACAG TITTGGCCACA TITTGGCCACA TACCCTTTAG
30401 30451 30501 30551 30601 30651 30701 30751 30801 30851 30901 30951	CACGCACACA ATATTTATTG AGAATCACAA AGACAGCCCA AGGACCATCC GCCTGTATCA CTGCTCAAGT TGGTCAGTCA GGAGAGCATC TTGTTACATT GGAGAGCATC TTGTTACATT GGGCTATTAA GGCTATTAA GTCTGTGTCT CCAACCTGCT	CCAAAGTACA CATIGTAATCA ATATATCGTG TTTTCCTTAA CCTGTGAGTA TGGCAGCTTG TCAATCCAGA GCAAGGATTG TTGGGCGGTC TGTGGAGGCT GATGACAGGG TGTGCTCCT GGGCATTCCC TTGGGGTACT	CCATAGATAC CACACACACA GATGCATTGT CTGTGGAAAT GGAATGTCAT CACAGGACTG CAGCTCAGCT	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCCGGATGCC CTGGGTCTGG CATTGGCTGC GGATGGCTGC AGCTGTTTGT CCCTGAAAGAC AATGGAGCTC ATGTAAGCCA TTCTGGAAGA TAGCATCAGG	TIGGTATICITA CIGTATICCTA CACACACAG GATGAAGACA TIGTTAACTTC CITTATAGAGG TATIGTCCTTG ATTGCCTATG ATTGCCTATGC GTACCAGGCC CCTGTATGAA TATGTGACAG TITTGGCCACA TACCCTTTTAG ACCCCTTTTTG ACCCCTTTTTG ACCCCTTTTTG
30401 30451 30501 30551 30601 30651 30751 30801 30851 30901 30951 31001	CACGCACACA ATATTTATTG AGAATCACAA AGACAGCCCA AGGACCATCC GCCTGTATCA CTGCTCAAGT TGGTCAGTCA GGAGAGCATC TTGTTACATA GGGCTATTACA GGGCTATTACA GTCTGTGTCT CCAACCTGCT TAATGTCCTC	CCAAAGTACA CATGTAATCA ATATATCGTG TTTTCCTTAA CCTGTGAGTA TGGCAGCTTG TCAATCCAGA GCAAGGATTG TTGGCGGGTC TGTGGAGGCT GGTGACAGGG TGTGCTCCTT GGGCATTCCT TTGGGGGTACT TACTTGTTGT	CCATAGATAC CACACACACA GATGCATTGT CTGTGGAAAT GGAATGTCAT CACAGGACTG CAGCTCAGCT	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCCGGATGCC CTGGGTCTGG CATTGGCTGC GGATGGCTGC AGCTGTTTTGT CCCTGTTCTAAAAGAC AATGGAGCTC AATGAAGCAC ATTCTGGAAGA TAGCATCAGG GTATAGCACA	TIGGTATICITA CIGTATICITA CACACACACG GATGAAGACA TIGTTAACTTC CITATAGAGG TATIGTICCTTG ATTIGTICCTTG ATTIGTICCTTG ATTIGTICCTTG ATTIGTICCTTG ATTIGTICCTTG ATTIGTICCTTG ATTIGTICCACA TATIGTIGTICAAG TITTIGTICCACA TACCCTTTTAG ACCCCTTTTTG GAGTTGTTGTT
30401 30451 30501 30551 30601 30651 30701 30751 30801 30901 30951 31001 31051	CACGCACACA ATATTTATTG AGAATCACAA AGACAGCCCA AGGACCATCC GCCTGTATCA CTGCTCAAGT TGGTCAGTCA GGAGAGCATC TTGTTACATA GGGCTATTAA GTCTGTGTCT CCAACCTGCT TAATGTCCTC TCCATCACAC	CCAAAGTACA CATGTAATCA ATATATCGTG TTTTCCTTAA CCTGTGAGTA TGGCAGCTTG TCAATCCAGA GCAAGGATTG TTGGCGGGTC TGTGGAGGCT GGTGACAGGG TGTGCTCCTT GGGCATTCCT TTGGGGTACT TACTTGTTGT TGTATCTAAC	CCATAGATAC CACACACACA GATGCATTGT CTGTGGAAAT GGAATGTCAT CACAGGACTG CAGCTCAGCT	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCCGGATGCC CTGGGTCTGG CATTGGCTGC GGATGGCTGG AGCTGTTTTGT CCCTGTCTAT CCTAAAAGAC AATGGAGCT ATGTAAGCCA ATTCTGGAAGA TAGCATCAGG GTATAGCACA TTCCGTAGCT	TIGGTATICITA CIGTATICCTA CACACACACG GATGAAGACA TIGTTACTIGG TIGTTACTIGG TATGTACTTIG ATGGCTATIGC GTACCAGGCC CCTGTATIGAA TATGTGACAG TIGAGCTCAAG TTTGGCCACA TACCCTTTTIG ACCCCTTTTIG ACCCCCTTTTIG ACCCCCTTTITG ACCCCCTTTTIG ACCCCCTTTTIG ACCCCCTTTTIG ACCCCCTTTTIG ACCCCCTTTTIG ACCCCCTTTTIG ACCCCCTTTTIG ACCCCCTTTTIG ACCCCCTTTTIG ACCCCCCACAA
30401 30451 30501 30551 30601 30651 30751 30801 30851 30951 31001 31051 31101	CACGCACACA ATATTTATTG AGAATCACAA AGACAGCCCA AGGACCATCC GCCTGTATCA CTGCTCAAGT TGGTCAGTCA GGAGAGCATC TTGTTACATA GGGCTATTAA GTCTGTGTCT CCAACCTGCT TAATGTCCTC TCCATCACAC TCCTAAAGGC	CCAAAGTACA CATGTAATCA ATATATCGTG TTTTCCTTAA CCTGTGAGTA TGGCAGCTTG TCAATCCAGA GCAAGGATTG TTGGCGGGTC TGTGGAGGCT GGTGACAGGG TGTGCAGGCT TGTGGAGGCT TGTGGAGGCT TGTGCTCCTT GGGCATTCCC TTGGGGTACT TACTTGTTGT TGTATCTAAC GCATATGTAT	CCATAGATAC CACACACACA GATGCATTGT CTGTGGAAAT GGAATGTCAT CACAGGACTG CAGCTCAGCT	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCCGGATGCC CTGGGTCTGG CATTGGCTGC GGATGGCTGG AGCTGTTTTGT CCCTGTTCTAT CCTAAAAGAC AATGGAGCTC ATGTAAGCCA ATTCGGAAGA TAGCATCAGG GTATAGCACA TTCCGTAGCT TTGCCACGGG	TIGGTATICITA CIGTATICCTA CACACACAC GATGAAGACA TIGTTACTTG TIGTTACTTG TIGTTACTTG ATGGCTATGC GTACCAGGCC CCTGTATGAA TATGTGCACA TATGTGCACA TATGTGCACA TATGTGCACA TATGTGCACA TACCCTTTTG ACCCCTTTTG GAGTTGTTGT GGGACCAGAA CCTCACCCAA
30401 30451 30501 30551 30601 30651 30751 30801 30851 30901 31051 31101 31151	CACGCACACA ATATTTATTG AGAATCACAA AGACAGCCCA AGGACCATCC GCCTGTATCA CTGCTCAAGT TGGTCAGTCA GGAGAGCATC TTGTTACATA GGCTATTAA GTCTGTCT CCAACCTGCT TAATGTCCTC TCCATCACAC ACCCCTCAAGG ACCCCTCAAGG	CCAAAGTACA CATGTAATCA ATATATCGTG TTTTCCTTAA CCTGTGAGTA TGGCAGCTTG TCAATCCAGA GCAAGGATTG TTGGGCGGTC TGTGGAGGCT GGTGACAGGG TGTGCTCCT TGGGCATTCCT TACTTGTTGT TGTATCTAAC GCATATGTAT GTAACTGGCT	CCATAGATAC CACACACACA GATGCATTGT CTGTGGAAAT GGATGTCAT CACAGGACTG CAGCTCAGCT	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCCGGATCTGC CTGGGTCTGC GGATGGCTGC AGCTGTCTAT CCTAAAAGAC AATGGAGCTC ATGTAAGCCA TTCTGGAAGA TAGCATCAGG GTATAGCACA TTCTGGAAGA TTCTGCACGGG CACAGGCTGT	TIGGTATICITA CIGTATICCTA CACACACAC GATGAAGACA TIGTTACTTG TIGTTACTTG TIGTTACTTG ATGGCTATGC GTACCAGGCC CCTGTATGAA TATGTGCACA TATGTGCACA TATGTGCACA TATGTGCACA TATGTGCACA TACCCTTTAG ACCCCTTTTG GAGTTGTTGT GGGACCAGAA CCTCACCCAA CTCTGCACCT
30401 30451 30501 30551 30601 30651 30751 30801 30851 30901 31051 31101 31151 31201	CACGCACACA ATATTTATTG AGAATCACAA AGACCACCA AGGACCATCC GCCTGTATCA CTGCTCAAGT TTGGTCAGTCA GGAGAGCATCC TTGTTACATA GGGCTATTAA GTCTGTGTCT CCAACCTGCT TAATGTCCTC TCCATCACAC TCCTAAAGGC ACCCTCAAG	CCAAAGTACA CATGTAATCA ATATATCGTG TTTTCCTTAA CCTGTGAGTA TGGCAGCTTG TCAATCCAGA GCAAGGATTG TTGGGCGGTC TGTGGAGGCT GATGACAGGG TGTGCTCCTT GGGCATTCCC TTGGGGTACT TACTTGTTGT TGTATCTAAC GCATATGTAT GTAACTGGCT GGCTTGTATT	CCATAGATAC CACACACACA GATGCATTGT CTGTTGGAAAT GGATGTCAT CACAGGACTG CAGCTCAGCT	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCCGGATGCC CTGGGTCTGC CATTGGCTGC AGCTGTCTAT CCTAAAAGAC AATGGAGCTC ATGTAAGCCA TTCTGGAAGA TAGCATCAGG GTATAGCACA TTCCGTAGCT TTGCCACGGT TTGCCACGGT TGCACGGT TGACTTCAGC	TIGGTATICITA CIGTATICCTA CACACACAC GATGAAGACA TIGTTACTTG TIGTTACTTG TIGTTACTTG TATTAGAGG TATGCCTTG ATGGCTATGC GTACCAGGCC CCTGTATGAA TATGTGACAG TTAGCCTAAG TTAGCCACA TACCCTTTAG ACCCCTTTTAG ACCCCTTTTTG GAGTTGTTGT GGGACCAGAA CCTCACCCAA CTCTGCACCT TTGGTTCAAAG
30401 30451 30501 30551 30601 30651 30751 30801 30851 30901 31001 31051 31101 31151 31201 31251	CACGCACACA ATATTTATTG AGAATCACAA AGACCATCC GCCTGTTATCA CTGCTCAAGT TTGGTCAGTCA GGAGAGCATC TTGTTACATA GGGCTATTAA GTCTGTGTCT CCAACCTGCT TAATGTCCTC TCCATCACAC TCCTAAAGGC ACCCCTCAAGG ACCCCTCACAC ACCCCTCACAC ACCCCTCACAC ACCCCTCACAC ACCCCTCACAC ACCCCTCACAC GCACTCACAC GCACTCACAC GCACTCACAC GCACTCACAC GCACTCACAC GCACTCACAC GCACTCACAC GCACTCACAC GCACTCACAC	CCAAAGTACA CATGTAATCA ATATATCGTG TTTTCCTTAA CCTGTGAGTA TGGCAGCTTG TCAATCCAGA GCAAGGATTG TTGGCGGGTC TGTGGAGGCT GATGACAGGG TGTGCTCCTT GGGCATTCCC TTGGGGTACT TACTTGTTGT TGTATCTAAC GCATATGTAT TGTACTGGCT TACTTGTTGT TGTACTGGCT TACTTGTTGT TGTACTGGCT TACTTGTTGT TTTTTTTTTT	CCATAGATAC CACACACACA GATGCATTGT CTGTGGAAAT GGAATGTCAT CACAGGACTG CAGCTCAGCT	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCCGGATGCC CTGGGTCTGG CATTGGCTGC AGCTGTTTTGT CCCTGTCTAT CCTAAAAGAC AATGGAGCTC ATGTAAGCCA TTCTGGAAGA TAGCATCAGG GTATAGCACA TTCCGTAGCT TTGCCACGGCT TTGCCACGGCT TTGCCACGCT TTGCCACGCT TTGCCACGCT TTGCCACGCT TTGCCACGCT TTGCCACCCT TTGCCACCCCT TTGCCCCCCT	TIGGTATICITA CIGTATICCTA CACACACAC GATGAAGACA TIGTTACTTG TIGTTACTTG TIGTTACTTG TATTAGAGG TATGCCTTG ATGGCTATGC GTACCAGGCC CCTGTATGAA TATGTGACAG TIGGCTAAG TATGTGACAG TIGGCTAAG TATGTGACAG TIGGCTCAAG TTTGGCACA TACCCTTTTG GAGTTGTTGT GGGACCAGAA CCTCACCCCAA CTCTGCACCT TIGGTTCAAAG TCTTGACTAA
30401 30451 30501 30551 30601 30651 30701 30851 30901 30951 31001 31151 31101 31151 31201 31251 31301	CACGCACACA ATATTTATTG AGAATCACAA AGACCATCC GCCTGTTATCA CTGCTCAAGT TTGGTCAGTCA GGAGAGCATC TTGTTACATA GGGCTATTAA GTCTGTGTCT CCAACCTGCT TAATGTCCTC TCCATCACAC TCCTAAAGGC ACCCCTCAAGA GCCTCACACA GCCTCATCACAC ACCCCTCACAC ACCCCTCACACAC ACCCCTCATCCCT ACAGTATTAGGC	CCAAAGTACA CATGTAATCA ATATATCGTG TTTTCCTTAA CCTGTGAGTA TGGCAGCTTG TCAATCCAGA GCAAGGATTG TGGGCGGTC TGTGGAGGCT GATGACAGGG TGTGCTCCTT GGGCATTCCC TTGGGGTACT TACTTGTTGT TGTATCTAAC GCATATGTAT TGTAACTGGCT GGCTTGTATT TCTTCGTGGA GGTCTAAGGA	CCATAGATAC CACACACACA GATGCATTGT CTGTGGAAAT GGAATGTCAT CACAGGACTG CAGCTCAGCT	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCCGGATGCC CTGGGTCTGG CATTGGCTGC AGCTGTTTTGT CCCTGTCTAT CCTAAAAGAC AATGGAGCTC ATGTAAGCCA TTCTGGAAGA TAGCATCAGG GTATAGCACA TTCCGTAGCT TTGCCACGGCTGC CACAGGCTGT TTGACACACA TTGCAGCACACACACACACACACACACACACACACACACA	TIGGTATICITA CIGTATICCTA CACACACAC GATGAAGACA TIGTTACTTG TIGTTACTTG TATTAGAGG TATGCCTTG ATGGCTATGC GTACCAGGCC CCTGTATGAA TATGTGACAG TGAGCTCAAG TTTGGCCACA TACCCTTTTAG ACCCCTTTTG GAGTTGTTGT GGGACCAGAA CCTCACCCAA CTCTGCACCT TIGGTTCAAAG TCTTGACTAA AAATGATGCC
30401 30451 30501 30551 30601 30651 30751 30851 30951 31001 31151 31101 31151 31201 31251 31301 31351	CACGCACACA ATATTTATTG AGAATCACAA AGACCACACA AGACCACTCC GCCTGTATCA CTGCTCAAGT TGGTCAGTCA GGAGAGCATC TTGTTACATA GGCTATTAA GTCTGTGTCT CCAACCTGCT TAATGTCCTC TCCATCACAC TCCTAAAGGC ACCCCTCAAG GAACTCACAA GCCTCATCACAC CCTCATCACAC CATACCCTAGGC ACCTCATCACAC CATACCCTAGGC CATACCCTAGGC CATACCCTAG	CCAAAGTACA CATGTAATCA ATATATCGTG TTTTCCTTAA CCTGTGAGTA TGGCAGCTTG TCAATCCAGA GCAAGGATTG TTGGGCGGGCT GGTGCAGGCT GGTGCAGGCT GGTGCTCCT TGGGGTACT TGTTGTTGT TGTATCTAAC GCATATGTAT TCTTCGTGGCT GGCTTTGTTGT TCTTCGTGGAGGCT GGCTTGTAAC GCATATGTAT TCTTCGTGGAGGCT GGCTTGTAAGGA GGTCCTAAGGA GAGTCCTAAGGA	CCATAGATAC CACACACACA GATGCATTGT CTGTGGAAAT GGAATGTCAT CACAGGACTG CAGCTCAGCT	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCCGGATGCC CTGGGTCTGG CATTGGCTGC GGATGGCTGC GGATGGCTGC AGCTGTTTTGT CCTAAAAGAC AATGGAGCTC ATGTAAGCCA TTCTGGAAGA TAGCATCAGG GTATAGCACA TTCCGTAGCT TTGCCACGGG CACAGGCTC TTGCCACGGG CACAGGCTC TTGCCACGGG CACAGGCTC TTGCCACGGG CACAGGCTC TGGCCCCCT ATGAGGAATA GCTGCTTTGG	TIGGTATICITA CIGTATICCTA CACACACACG GATGAAGACA TIGTTACTTG TIGTTACTTG TIGTTACTTG ATTGCCTATGC GTACCAGGCC CCTGTATGAA TATGTGACAG TIGGCTATGA TATGTGACAG TIGGCTATGA TATGTGACAG TIGGCTATGA TATGTGACAG TIGGCTAGA TATGTGACAG TIGGCTAG TIGGCACCT TIGGTTCAAG TITTGACTAA AAATGATGCC TIGTCACACGA TIGTCACACGA
30401 30451 30501 30551 30601 30651 30701 30751 30801 30951 31001 31051 31151 31201 31251 31301 31351 31351	CACGCACACA ATATTTATTG AGAATCACAA AGACAGCCCA AGGACCATCC GCCTGTATCA CTGCTCAAGT TGGTCAGTCA GGAGAGCATC TTGTTACATA GGCTATTAA GTCTGTGTCT CCAACCTGCT TAATGTCCTC TCCATCACAC TCCTAAAGGC ACCCCTCAAG GAACTCACAA GCCTCATCAT ACAGTATACACA TGTGAGTACG TGTGAGTACG TGTGAGTACG	CCAAAGTACA CATGTAATCA ATATATCGTG TTTTCCTTAA CCTGTGAGTA TCGCAGCTTG TCAATCCAGA GCAAGGATTG TTGGGAGGCT TGTGGAGGCT GATGACAGGG TGTGCAGCGT GGCATTCCC TTGGGGTACT TACTTGTTGT TGTATCTAAC GCATATGTAT TCTTCGGGA GGTCTAAGGA GGTCTAAGGA CCTGCACCCT	CCATAGATAC CACACACACA GATGCATTIGT CTGTTGGAAAT GGAATGTCAT CACAGGACTG CAGCTCAGCT	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCCGGATGCC CTGGGTCTGG CATTGGCTGC GGATGGCTGC AGCTGTTTTGT CCCTAAAAGAC AATGGAGCTC ATGTAAGCCA TTCTGGAAGA TAGCATCAGG GTATAGCACA TTCCGTAGCT TTGCCACGGG CACAGGCTGT TGGCTTCAGC TTGGCACGGG CACAGGCTGT TGGCTTCAGC TGGGCCCCT ATGAGGAATA GCTGCTTTCAG GCAGACTCAA	TIGGTATICITA CIGTATICCTA CACACACAG GATGAAGACA TIGTTACTTIG TIGTTACTTIG TIGTTACTTIG ATTGCCTTIG ATTGCCTTIG ATTGCCTAGAG TATGTCATAGAG TATGTCATAGAG TATGTCATAG TATGTGACAG TIGAGCTCAAG TIGAGCTCAAG TIGAGCTAGAA CCTCACCCAA CCTCTIGACCCT TIGGTTCAAGA TICTTIGACTAA AAATTGATGACGA GTATTTIGGCT
30401 30451 30501 30551 30601 30651 30701 30751 30801 30951 31001 31051 31151 31201 31251 31301 31351 31351	CACGCACACA ATATTTATTG AGAATCACAA AGACAGCCCA AGGACCATCC GCCTGTATCA CTGCTCAAGT TGGTCAGTCA GGAGAGCATC TTGTTACATA GGCTATTAA GTCTGTGTCT CCAACCTGCT TAATGTCCTC TCCATCACAC TCCTAAAGGC ACCCCTCAAG GAACTCACAA GCCTCATCAT ACAGTATACACA TGTGAGTACG TGTGAGTACG TGTGAGTACG	CCAAAGTACA CATGTAATCA ATATATCGTG TTTTCCTTAA CCTGTGAGTA TCGCAGCTTG TCAATCCAGA GCAAGGATTG TTGGGAGGCT TGTGGAGGCT GATGACAGGG TGTGCAGCGT GGCATTCCC TTGGGGTACT TACTTGTTGT TGTATCTAAC GCATATGTAT TCTTCGGGA GGTCTAAGGA GGTCTAAGGA CCTGCACCCT	CCATAGATAC CACACACACA GATGCATTIGT CTGTTGGAAAT GGAATGTCAT CACAGGACTG CAGCTCAGCT	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCCGGATGCC CTGGGTCTGG CATTGGCTGC GGATGGCTGC AGCTGTTTTGT CCCTAAAAGAC AATGGAGCTC ATGTAAGCCA TTCTGGAAGA TAGCATCAGG GTATAGCACA TTCCGTAGCT TTGCCACGGG CACAGGCTGT TGGCTTCAGC TTGGCACGGG CACAGGCTGT TGGCTTCAGC TGGGCCCCT ATGAGGAATA GCTGCTTTCAG GCAGACTCAA	TIGGTATICITA CIGTATICCTA CACACACAC GATGAAGACA TIGTTACTTG TIGTTACTTG TATTAGAGG TATGCCTTG ATGGCTATGC GTACCAGGCC CCTGTATGAA TATGTGACAG TTAGCTAGA TATGTGACAG TTAGCCACA TACCCTTTAG ACCCCTTTTG GAGTTGTTGT GGGACCAGAA CCTCACCCAA CTCTGCACCT TIGGTTCAAAG TCTTGACTAA AAATGATGCC

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			GTGAGGGGGC		
31551	ACTCAGAAGT	TAGCACGATA	TCATCACTGT	AATGGAAAAT	GTGTACCCCCT
			<b>ATAMATATCC</b>		
			AATGCAAATT		
			ATTGGTTAAA		
			CCACCCTCTT		
31801	GAACATGTGC	ATACGTTGGG	<b>GGGACTGCCT</b>	TACTTAATTC	CCAGTAATCT
31851	AGTGTCATTG	TICATISTICC	<b>ATCAGGCTTC</b>	CACATTGGGCC	GTACATGGCT
			GCCTTGTAAT		
			TTATGTCCCC		
32001	AGTGCTACTA	टाउटाजा	GGGGTTGGCA	ACTATACTGG	TGTCCATTTC
32051	CATTCCCCT	TGGTCACATG	CTTCACCACT	CTCAGTCAGA	ACTCCCCAGC
			CTGATAAGAT		
			ACTAAATAGG		
			TCAACCTTTC		
32251	CTTTTGCCAT	TTTAGCCCCCT	TGGAACCAAC	GAATGTCACC	ATATATGAAA
			CACTAGGGCA		
			GTTCTACATG		
= = : = : :		-	ATCAGGGTTC		
32451	AGTCTAACAG	GGTTGACACT	TGCTATCCCT	CTGCAGGAAG	GGTGGCGGGC
32501	TGAACCTGAG	GCTCCTTAGT	GAAGCACTCT	TCTGGTGTGA	GCTTCTGCCA
32551	CAGTCTGACC	AGAACAGCAT	TAGGCTGTTT	ATCTGTTTC	<b>ATAGTAGCTG</b>
			TGCCACATTT		
			TCCTTTGGCG		
			GCAGTTTCTC		
32751	CTGCTTGGGC	CACCTGAGAC	ACTGGCTGTC	CTACTAGGGG	GCTCTGGGTA
32801	GACACTAGCA	CACCATACCA	TTGGTTGAGT	GCAGACTAAG	ATGGTGTCTT
			TCTTTGTTGG		
			AATTTCCAGA		
			AGATATGGGG		
33001	CGCTTCATTG	CAGCCCACAA	CCACCCAGCT	AAGGAGGGC	ATGGCCTGAT
33051	CCTCATTGTT	<b>GGCACCATAG</b>	AGGTGCTGCC	TCAGGGCTGG	GTGGCATGCG
			CTTGAGTCTG		
			GAAGCCACCT		
			<b>AGCTCCACTA</b>		
33251	TGCATTGTGG	TATGCTACCA	TCTTTCAGGC	AGAGACAAGT	TTTGTGGGTC
33301	TACTCCCTGC	AGGCACCATT	<b>GGTCTGACTT</b>	<b>TATCTTGGTA</b>	GAGAGAACAG
33351	GACCTCTATG	CCCTTATCCC	<b>AGTCCTCACT</b>	CTCCTCA	CTAGAGCTCT
			GGAAGATTTA		
	CONCIGORIC				
				ALC I GALAMG	(
	CATGGGAGCT				
33501	CATTTIGICA	TCCIGITICT	<b>GCAGGTAGGA</b>	CAGTAGGGTC	TCTGATGTTT
33501	CATTTIGICA	TCCIGITICT		CAGTAGGGTC	TCTGATGTTT
33501 33551	CATTITIGICA TAGGITGAGC	TCCTGTTTCT TAGTCTGGCA	GCAGGTAGGA TCTCTTTCTA	CAGTAGGGTC	TCTGATGTTT TTCCTATAAC
33501 33551 33601	CATTITIGICA TAGGITGAGC AGACAACCCC	TCCTGTTTCT TAGTCTGGCA TGGCCTGTGC	GCAGGTAGGA TCTCTTTCTA TGGGAGCTCA	CAGTAGGGTC CTCATAGTTC GCCTCAGTGG	TCTGATGTTT TTCCTATAAC CTGCTGGGAG
33501 33551 33601 33651	CATTITIGICA TAGGITGAGC AGACAACCCC CACAGITCAAG	TCCTGTTTCT TAGTCTGGCA TGGCCTGTGC AATGGCCAGC	GCAGGTAGGA TCTCTTTCTA TGGGAGCTCA CATTGTGGCT	CAGTAGGGTC CTCATAGTTC GCCTCAGTGG GCCACAGCTC	TCTGATGTTT TTCCTATAAC CTGCTGGGAG AGGCATCTAA
33501 33551 33601 33651 33701	CATTITGICA TAGGITGAGC AGACAACCCC CACAGTCAAG CTTTTGCTTA	TICCIGITTICT TAGICIGGCA TIGGCCTIGTIGC AATIGGCCAGC GITAGATCCA	GCAGGTAGGA TCTCTTTCTA TGGGAGCTCA CATTGTGGCT CCCCCCTGCA	CAGTAGGGTC CICATAGTTC GCCTCAGTGG GCCACAGCTC ACAGCTCTTC	TICTGATGTTT TTCCTATAAC CTGCTGGGAG AGGCATCTAA CAGACCCTTC
33501 33551 33601 33651 33701 33751	CATTTIGTCA TAGGTIGAGC AGACAACCCC CACAGTCAAG CTTTIGCTTA GGIGTTTTIG	TCCTGTTTCT TAGTCTGGCA TGGCCTGTGC AATGGCCAGC GTTAGATCCA GGGTGTTCTG	GCAGGTAGGA TCTCTTTCTA TGGGAGCTCA CATTGTGGCT CCCCCCTGCA TACTCATACA	CAGTAGGGTC CTCATAGTTC GCCTCAGTGG GCCACAGCTC ACAGCTCTTC TTGGGTCCCA	TICTGATGTTT TTOCTATAAC CTGCTGGGAG AGGCATCTAA CAGACCCTTC TCCATCAAGG
33501 33551 33601 33651 33701 33751	CATTTIGTCA TAGGTIGAGC AGACAACCCC CACAGTCAAG CTTTIGCTTA GGIGTTTTIG	TCCTGTTTCT TAGTCTGGCA TGGCCTGTGC AATGGCCAGC GTTAGATCCA GGGTGTTCTG	GCAGGTAGGA TCTCTTTCTA TGGGAGCTCA CATTGTGGCT CCCCCCTGCA	CAGTAGGGTC CTCATAGTTC GCCTCAGTGG GCCACAGCTC ACAGCTCTTC TTGGGTCCCA	TICTGATGTTT TTOCTATAAC CTGCTGGGAG AGGCATCTAA CAGACCCTTC TCCATCAAGG
33501 33551 33601 33651 33701 33751 33801	CATTTIGICA TAGGTIGAGC AGACAACCCC CACAGTCAAG CTTTIGCTTA GGIGTTTTIG ATAGTGGCTT	TOCTGTTTCT TAGTCTGGCA TGGCCTGTGC AATGGCCAGC GTTAGATCCA GGGTGTTCTG TTGGGCACCA	GCAGGTAGGA TCTCTTTCTA TGGGAGCTCA CATTGTGGCT CCCCCCTGCA TACTCATACA CATAAATGTG	CAGTAGGGTC CITCATAGTTC GCCTCAGTGG GCCACAGCTC ACAGCTCTTC TTGGGTCCCA ATGGTCAGCC	TICTGATGTTT TTOCTATAAC CTGCTGGGAG AGGCATCTAA CAGACCCTTC TCCATCAAGG CGGGACCCCC
33501 33551 33601 33651 33701 33751 33801 33851	CATTTIGICA TAGGTIGAGC AGACAACCCC CACAGTCAAG CTTTIGCTTA GGTGTTTTTIG ATAGTGGCTT CCTTGGATTT	TOCTIGITTICT TAGTICTIGGCA TIGGCCTIGTIGC AATIGGCCAGC GITAGATICCA GGGTIGTTICTIG TITGGGCACCA COCCITTICCT	GCAGGTAGGA TCTCTTTCTA TGGGAGCTCA CATTGTGGCT CCCCCCTGCA TACTCATACA CATAAATGTG GATCTTACGG	CAGTAGGTIC CITCATAGTTIC GCCTCAGTIGG GCCACAGCTIC ACAGCTICTTIC TITGGGTICACA ATIGGTICAGCC TICTCGGTIGCT	TICTGATGTTT TTOCTATAAC CTGCTGGGAG AGGCATCTAA CAGACCCTTC TCCATCAAGG CGGGACCCCC CATGAAATTT
33501 33551 33601 33651 33701 33751 33801 33851 33901	CATTTIGICA TAGGTIGAGC AGACAACCCC CACAGTCAAG CTTTIGCTTA GGTGTTTTTIG ATAGTGGCTT TTCTCCACCT	TOCTIGITTICT TAGTICTIGGCA TIGGCCTIGTIGC AATIGGCCAGC GITAGATICCA GGGTIGTTICTIG TITGGGCACCA COCCITTICCT TCCTIGCTIGGG	GCAGGTAGGA TCTCTTTCTA TGGGAGCTCA CATTGTGGCT CCCCCCTGCA TACTCATACA CATAAATGTG GATCTTACGG TTCACCAGTT	CAGTAGGTIC CITCATAGTTIC GCCTCAGTIGG GCCACAGCTIC ACAGCTICTTIC TTIGGGTICACA ATIGGTICAGCC TCTCGGTIGCT GTIGGTIACTIGA	TICTGATGTTT TTOCTATAAC CTGCTGGGAG AGGCATCTAA CAGACCCTTC TCCATCAAGG CGGGACCCCC CATGAAATTT GTCCGTGTTA
33501 33551 33601 33651 33701 33751 33801 33851 33901 33951	CATTTIGICA TAGGTIGAGC AGACAACCCC CACAGTCAAG CTTTIGCTTA GGTGTTTTTIG ATAGTGGCTT TTCTCCACCT ACTTCTGTAA	TOCTIGITTICT TAGTICTIGGCA TIGGCCTIGTIGC AATTIGGCCAGC GITAGATICCA GGGTIGTTICTIG TITGGGCACCA CCCCTTTICCT TCCTIGCTIGGG GGATTGGCACCC	GCAGGTAGGA TCTCTTTCTA TGGGAGCTCA CATTGTGGCT CCCCCCTGCA TACTCATACA CATAAATGTG GATCTTACGG TTCACCAGTT AGGTTCAAGA	CAGTAGGTIC CITCATAGTTIC GCCTCAGTIGG GCCACAGCTIC ACAGCTICTTIC TTIGGGTICACA ATIGGTICAGCC TCTCGGTIGCT GTIGGTIACTIGA GGCAAAAGAG	TICTGATGTTT TTOCTATAAC CTGCTGGGAG AGGCATCTAA CAGACCCTTC TCCATCAAGG CGGGACCCCC CATGAAATTT GTCCGTGTTA ACCTGGAGCT
33501 33551 33601 33651 33701 33751 33801 33851 33901 33951 34001	CATTITIGTCA TAGGTTGAGC AGACAACCCC CACAGTCAAG CTTTTGCTTA GGTGTTTTTG ATAGTGGCTT CCTTGGATTT TTCTCCACCT ACTTCTGTAA AGCAAACAAG	TOCTIGITTICT TAGTCTIGGCA TIGGCCTGTGC AATTGGCCAGC GTTAGATCCA GGGTGTTCTG TTGGGCACCA CCCCTTTCCT TCCTGCTGGG GGATGGCACC ACATAGGGTT	GCAGGTAGGA TCTCTTTCTA TGGGAGCTCA CATTGTGGCT CCCCCCTGCA TACTCATACA CATAAAATGTG GATCTTACGG TTCACCAGTT AGGTTCAAGA TTATTAGGGA	CAGTAGGTIC CITCATAGTTIC GCCTCAGTGG GCCACAGCTC ACAGCTCTTC TTGGGTCACCA ATGGTCAGCC TCTCGGTGCT GTGGTACTGA GGCAAAAGAG GAACTAACAT	TCTGATGTTT TTCCTATAAC CTGCTGGGAG AGGCATCTAA CAGACCCTTC TCCATCAAGG CGGGACCCCC CATGAAATTT GTCCGTGTTA ACCTGGAGCT ACAGGGACAG
33501 33551 33601 33651 33701 33751 33801 33851 33901 33951 34001 34051	CATTITISTCA TAGGITIGAGC AGACAACCCC CACAGICAAG CITTIGCITIA GGIGITITIG ATAGIGGCIT CCTIGGATIT TICICCACCT ACTICIGIAA AGCAAACAAG TCCAGIGGIG	TOCTIGITTICT TAGTCTIGGCA TIGGCCTGTGC AATTGGCCAGC GITAGATCCA GGGTGTTCTG TTGGGCACCA CCCCTTTCCT TCCTIGCTIGGG GGATGGCACC ACATAGGGTT GTGGACTAGA	GCAGGTAGGA TCTCTTTCTA TGGGAGCTCA CATTGTGGCT CCCCCCTGCA TACTCATACA CATAAATGTG GATCTTACGG TTCACCAGTT AGGTTCAAGA TTATTAGGGA CAGGAGAACC	CAGTAGGTIC CITCATAGTTIC GCCTCAGTGG GCCACAGCTC ACAGCTCTTC TTGGGTCACA ATGGTCAGCC TCTCGGTGCT GTGGTACTGA GGCAAAAGAG GAACTAACAT TCAACTGCTT	TCTGATGTTT TTCCTATAAC CTGCTGGGAG AGGCATCTAA CAGACCCTTC TCCATCAAGG CGGGACCCCC CATGAAATTT GTCCGTGTTA ACCTGGAGCT ACAGGGACAG GCAAAAAGCA
33501 33551 33601 33651 33701 33751 33801 33851 33901 33951 34001 34051 34101	CATTITISTCA TAGGTTGAGC AGACAACCCC CACAGTCAAG CTTTTGCTTA GGTGTTTTTG ATAGTGGCTT TTCTCACCT TACTTCTGTAA AGCAAACAAG TCCAGTGGTG TGCAGCTTAT	TOCTIGITTICT TAGTCTIGGCA TIGGCCTGTGC AATTGGCCAGC GITAGATCCA GGGTGTTCTG TTGGGCACCA CCCCTTTCCT TCCTIGCTIGGG GGATGGCACC ACATAGGGTT GTGGACTAGA ATAGCACTTT	GCAGGTAGGA TCTCTTTCTA TGGGAGCTCA CATTGTGGCT CCCCCCTGCA TACTCATACA CATAAATGTG GATCTTACGG TTCACCAGTT AGGTTCAAGA TTATTAGGGA CAGGAGAACC TATTTGGCAC	CAGTAGGTIC CITCATAGTTIC GCCTCAGTGG GCCACAGCTC ACAGCTCTTC TTGGGTCCCA ATGGTCAGCC TCTCGGTACTGA GGCAAAAGAG GAACTAACAT TCAACTGCTT CCTCCGTGCA	TCTGATGTTT TTCCTATAAC CTGCTGGGAG AGGCATCTAA CAGACCCTTC TCCATCAAGG CGGGACCCCC CATGAAATTT GTCCGTGTTA ACCTGGAGCT ACAGGGACAG GCAAAAAGCA GCAGCCTTCA
33501 33551 33601 33651 33701 33751 33801 33851 33901 33951 34001 34051 34101	CATTITISTCA TAGGTTGAGC AGACAACCCC CACAGTCAAG CTTTTGCTTA GGTGTTTTTG ATAGTGGCTT TTCTCACCT TACTTCTGTAA AGCAAACAAG TCCAGTGGTG TGCAGCTTAT	TOCTIGITTICT TAGTCTIGGCA TIGGCCTGTGC AATTGGCCAGC GITAGATCCA GGGTGTTCTG TTGGGCACCA CCCCTTTCCT TCCTIGCTIGGG GGATGGCACC ACATAGGGTT GTGGACTAGA ATAGCACTTT	GCAGGTAGGA TCTCTTTCTA TGGGAGCTCA CATTGTGGCT CCCCCCTGCA TACTCATACA CATAAATGTG GATCTTACGG TTCACCAGTT AGGTTCAAGA TTATTAGGGA CAGGAGAACC	CAGTAGGTIC CITCATAGTTIC GCCTCAGTGG GCCACAGCTC ACAGCTCTTC TTGGGTCCCA ATGGTCAGCC TCTCGGTACTGA GGCAAAAGAG GAACTAACAT TCAACTGCTT CCTCCGTGCA	TCTGATGTTT TTCCTATAAC CTGCTGGGAG AGGCATCTAA CAGACCCTTC TCCATCAAGG CGGGACCCCC CATGAAATTT GTCCGTGTTA ACCTGGAGCT ACAGGGACAG GCAAAAAGCA GCAGCCTTCA
33501 33551 33601 33651 33701 33751 33801 33851 33901 34001 34051 34101 34151	CATTTIGICA TAGGTIGAGC AGACAACCCC CACAGTCAAG CTTTIGCTTA GGTGTTTTTG ATAGTGGCTT TTCTCCACCT ACTTCTGTAA AGCAAACAAG TCCAGTGGTG TGCAGCTTAT CGTGGCAACC	TOCTIGITTICT TAGTCTIGGCA TIGGCCTGTGC AATTGGCCAGC GITAGATICCA GGGTGTTCTG TTIGGGCACCA CCCCTTTCCT TCCTIGCTIGGG GGATTGGCACC ACATAGGGTT GTGGACTAGA ATAGCACTTT CTCCTTTCTT CTCCTTTCTT	GCAGGTAGGA TCTCTTTCTA TGGGAGCTCA CATTGTGGCT CCCCCCTGCA TACTCATACA CATAAATGTG GATCTTACGG TTCACCAGTT AGGTTCAAGA TTATTAGGGA CAGGAGAACC TATTTGGCAC AAGTTATTGC	CAGTAGGTTC CTCATAGTTC GCCTCAGTGG GCCACAGCTC ACAGCTCTTC TTGGGTCCCA ATGGTCAGCC TCTCGGTGCT GTGGTACTGA GGCAAAAGAG GAACTAACAT TCAACTGCTT CCTCCGTGCA TCTCAGGTGC TCTCAGGTGC	TCTGATGTTT TTCCTATAAC CTGCTGGGAG AGGCATCTAA CAGACCCTTC TCCATCAAGG CGGGACCCCC CATGAAATTT GTCCGTGTTA ACCTGGAGCT ACAGGGACAG GCAAAAAGCA GCAGCCTTCA ATTTGCCATA
33501 33551 33601 33651 33701 33751 33801 33851 33901 34001 34051 34101 34151 34201	CATTTIGICA TAGGTIGAGC AGACAACCCC CACAGTCAAG CTTTIGCTTA GGTGTTTTTG ATAGTGGCTT TTCTCCACCT ACTTCTGTAA AGCAAACAAG TCCAGTGGTG TGCAGCTTAT CGTGGCAACC CACCCACTCC	TOCTIGITTICT TAGTCTIGGCA TIGGCCTGTGC AATTGGCCAGC GITAGATICCA GGGTGTTCTG TIGGGCACCA COCCITTICCT TCCTGCTIGGG GGATTGGCACC ACATTAGGGCTTGGG ACTTAGGACTTGGGACTAGA ATAGCACTTT CTCCTTTCTT CACCGTAATG	GCAGGTAGGA TCTCTTTCTA TGGGAGCTCA CATTGTGGCT CCCCCCTGCA TACTCATACA CATAAATGTG GATCTTACGG TTCACCAGTT AGGTTCAAGA TTATTAGGGA CAGGAGAACC TATTTGGCAC AAGTTATTGC GCATTAATCC	CAGTAGGGTC CITCATAGTTC GCCTCAGTGG GCCACAGCTC ACAGCTCTTC TTGGGTCCCA ATGGTCAGCC TCTCGGTGCT GTGGTACTGA GGCAAAAGAG GAACTAACAT TCAACTGCTT CCTCCGTGCA TCTCAGGTGC ATTCCTGAGG	TICIGATIGTTT TITCCTATAAC CTGCTGGGAG AGGCATCTAA CAGACCCTTC TCCATCAAGG CGGGACCCCC CATGAAATTT GTCCGTGTTA ACCTGGAGCT ACAGGGACAG GCAAAAAGCA GCAGCCTTCA ATTTGCCATA ATTTAATGTTG
33501 33551 33601 33651 33701 33751 33801 33851 33901 34001 34051 34101 34151 34201 34251	CATTTIGITCA TAGGTIGAGC AGACAACCCC CACAGTCAAG CTTTIGCTTA GGTGTTTTTG ATAGTGGCTT CCTTGGATTT TTCTCCACCT ACTTCTGTAA AGCAAACAAG TCCAGTGGTG TGCAGCTTAT CGTGGCAACC CACCCACTCC TTACGGTCTC	TOCTIGITTICT TAGTCTIGGCA TGGCCTGTGC AATGGCCAGC GITAGATCCA GGGTGTTCTG TTGGGCACCA COCCTTTCCT TCCTGCTGGG GGATGGCACC ACATAGGGTT GTGGACTAGA ATAGCACTTT CTCCTTTCTT CACCGTAATG ATGGCCTAAT	GCAGGTAGGA TCTCTTTCTA TGGGAGCTCA CATTGTGGCT CCCCCCTGCA TACTCATACA CATAAATGTG GATCTTACGG TTCACCAGTT AGGTTCAAGA TTATTAGGGA CAGGAGAACC TATTTGGCAC AAGTTATTGC GCATTAATCC CGCCTCCCAG	CAGTAGGTTC CTCATAGTTC GCCTCAGTGG GCCACAGCTC ACAGCTCTTC TTGGGTCCCA ATGGTCAGCC TCTCGGTGCT GTGGTACTGA GGCAAAAGAG GAACTAACAT TCAACTGCTT CCTCCGTGCA TCTCAGGTGC ATTCCTGAGG TGGTCCTACC	TICTGATGTTT TTCCTATAAC CTGCTGGGAG AGGCATCTAA CAGACCCTTC TCCATCAAGG CGGGACCCCC CATGAAATTT GTCCGTGTTA ACCTGGAGCT ACAGGGACCA ACCTGGAGCT ACAGGGACAA ACCTGGAGCT ACAGGACAT ACTGGAGACAA ACCTGGAGCT ACCTGGAGC ACCTGGAGCT ACCTGGAGCT ACCTGGAGCT ACCTGGAGCT ACCTGGAGCT ACCTGGAGC ACCTGGAGCT ACCTGAGCT ACCTGGAGCT ACCTGAGCT ACCTGGAGCT ACCTGGAGCT ACCTGGAGCT ACCTGGAGCT ACCTGGAGCT ACCTGGAGCT ACCTGGAGCT ACCTGGAGCT ACCTGGAGCAGC ACCTGAGCAGC ACCTGGAGCAG
33501 33551 33601 33651 33701 33751 33801 33951 34001 34051 34101 34151 34201 34201 34301	CATTTIGITCA TAGGTIGAGC AGACAACCCC CACAGTCAAG CTTTIGCTTA GGIGTTTTIG ATAGTGGCTT CCTTGGATTT TTCTCCACCT ACTTCTGTAA AGCAAACAAG TCCAGTGGTG TGCAGCTTAT CGTGGCAACC CACCCACTCC TTACGGTCTC ATAAAAATAT	TOCTIGITTICT TAGTICTIGGCA TIGGCTIGTIGC AATTIGGCAGC GITAGATICCA GGGTIGTTICTI TTIGGGCACCA COCCITTICCT TCCTIGCTIGGG GGATTIGGACCA ACATAGGGGTI GTIGGACTAGA ATTIGGACTAGA ATTIGGACTAGA ATTIGGACTAGT CTCCTTTICTT CACCITICTT CACCITICT CACCI	GCAGGTAGGA TCTCTTTCTA TGGGAGCTCA CATTGTGGCT CCCCCCTGCA TACTCATACA CATAAATGTG GATCTTACGG TTCACCAGTT AGGTTCAAGA TTATTAGGGA CAGGAGAACC TATTTGGCAC AAGTTATTGC GCATTAATCC CGCCTCCCAG TCAACATGAG	CAGTAGGTTC CTCATAGTTC GCCTCAGTGG GCCACAGCTC ACAGCTCTTC TTGGGTCCCA ATGGTCAGCC TCTCGGTGCT GTGGTACTGA GGCAAAAGAG GAACTAACAT TCAACTGCTT CCTCCGTGCA TCTCAGGTGC ATTCCTGAGG TGGTCCTACC TTGTGGAAGG	TICTGATGTTT TTCCTATAAC CTGCTGGGAG AGGCATCTAA CAGACCCTTC TCCATCAAGG CGGGACCCCC CATGAAATTT GTCCGTGTTA ACCTGGAGCT ACAGGGACAG GCAAAAAGCA GCAGCCTTCA ATTTGCCATA ATTTACTGTTG TCTTAATACC GACATTCAAA
33501 33551 33601 33651 33701 33751 33801 33951 34001 34051 34101 34151 34201 34251 34301 34351	CATTTIGITCA TAGGTIGAGC AGACAACCCC CACAGTCAAG CTTTIGCTTA GGIGTTTTTG ATAGTGGCTT TTCTCCACCT ACTTCTGATTT TTCTCCACCT ACTTCTGATTT CAGTGGTGT TGCAGCTTAA TGCAGCTTAT CGTGGCAACC CACCCACTCC TTACGGTCTC ATAAAAATAT CCATTGCAGT	TOCTIGITTICT TAGTICTIGGCA TIGGCTIGTIGC AATTIGGCAGC GITAGATICCA GGGTIGTTICTI TTIGGGCACCA CCCCTTTICCT TCCTIGCTIGGG GGATIGGACCA ACATAGGGTT GTIGGACTAGA ATTIGGACTAGA ATTIGGACTAGA ATTIGGACTAGA ATTIGGACTAGA ATTIGGACTAGT CTCCTTTICTT CACCGTAATI CACCGTAATI CACTTAATT TATTITTAGAG	GCAGGTAGGA TCTCTTTCTA TGGGAGCTCA CATTGTGGCT CCCCCCTGCA TACTCATACA CATAAATGTG GATCTTACGG TTCACCAGTT AGGTTCAAGA TTATTAGGGA CAGGAGAACC TATTTGGCAC TATTTGGCAC AAGTTATTGC GCATTAATCC CGCCTCCCAG TCAACATGAG CTTAGTTCA	CAGTAGGGTC CITCATAGGTTC GCCTCAGTGG GCCACAGCTC ACAGCTCTTC TTGGGTCCCA ATGGTCAGCC TCTCGGTGCT GTGGTACTGA GGCAAAAGAG GAACTAACAT TCAACTGCTT CCTCCGTGCA TCTCAGGTGC ATTCCTGAGG TGGTCCTACC TTGTGGAAGG GAAATACAAA	TCTGATGTTT TTCCTATAAC CTGCTGGGAG AGGCATCTAA CAGACCCTTC TCCATCAAGG CGGGACCCCC CATGAAATTT GTCCGTGTTA ACCTGGAGCT ACAGGGACAG GCAAAAAGCA GCAGCCTTCA ATTTGCCATA ATTTAATGTTG TCTTAATACC GACATTCAAA TGCAATAACT
33501 33551 33601 33651 33701 33751 33801 33851 34901 34051 34101 34151 34201 34201 34351 34301 34351 34401	CATTITIGTCA TAGGTTGAGC AGACAACCCC CACAGTCAAG CTTTTGCTTA GGTGTTTTTTG ATAGTGGCTT CTTTGGATTT TTCTCCACCT ACTTCTGTAA AGCAAACAAG TCCAGTGGTG TGCAGCTTAT CGTGGCAACC CACCCACTCC TTAGGGTCTC ATAAAAATAT CCATTGCAGT TTTACCTCCA	TOCTIGITTICT TAGTCTIGGCA TIGGCCTGTGC AATGGCCAGC GTTAGATCCA GGGTGTTCTG TTGGGCACCA CCCCTTTCCT TCCTIGCTIGGG GGATGGCACC ACATAGGGTT GTIGGACTAGA ATAGCACTTT CTCCTTTCTT CACCGTAATI CACTGTAATT CAATTAAATT TATTTTAGAG AATCATTIGAC	GCAGGTAGGA TCTCTTTCTA TGGGAGCTCA CATTGTGGCT CCCCCCTGCA TACTCATACA CATAAATGTG GATCTTACGG TTCACCAGTT AGGTTCAAGA TTATTAGGGA CAGGAGAACC TATTTGGCAC AAGTTATTGC GCATTAATTCC CGCCTCCCAG TCAACATGAG CTTAGTTCA TCATAGTTCA	CAGTAGGTTC CTCATAGTTC GCCTCAGTGG GCCACAGCTC ACAGCTCTTC TTGGGTCCCA ATGGTCAGCC TCTCGGTGCT GTGGTACTGA GCCAAAAGAG GAACTAACAT TCAACTGCTT CCTCCGTGCA TCTCAGGTGC ATTCCTGAGG TGGTCCTACC TTGTGGAAGG GAATACAAA CTAATTTAGT	TCTGATGTTT TTCCTATAAC CTGCTGGGAG AGGCATCTAA CAGACCCTTC TCCATCAAGG CGGGACCCCC CATGAAATTT GTCCGTGTTA ACCTGGAGCT ACAGGGACAG GCAAAAAGCA GCAGCCTTCA ATTTGCCATA ATTTAATGTTG TCTTAATACC GACATTCAAA TGCAATAACT AGGCTTGAA
33501 33551 33601 33651 33701 33751 33801 33851 34901 34051 34101 34151 34201 34201 34351 34301 34351 34401	CATTITIGTCA TAGGTTGAGC AGACAACCCC CACAGTCAAG CTTTTGCTTA GGTGTTTTTTG ATAGTGGCTT CTTTGGATTT TTCTCCACCT ACTTCTGTAA AGCAAACAAG TCCAGTGGTG TGCAGCTTAT CGTGGCAACC CACCCACTCC TTAGGGTCTC ATAAAAATAT CCATTGCAGT TTTACCTCCA	TOCTIGITTICT TAGTCTIGGCA TIGGCCTGTGC AATGGCCAGC GTTAGATCCA GGGTGTTCTG TTGGGCACCA CCCCTTTCCT TCCTIGCTIGGG GGATGGCACC ACATAGGGTT GTIGGACTAGA ATAGCACTTT CTCCTTTCTT CACCGTAATI CACTGTAATT CAATTAAATT TATTTTAGAG AATCATTIGAC	GCAGGTAGGA TCTCTTTCTA TGGGAGCTCA CATTGTGGCT CCCCCCTGCA TACTCATACA CATAAATGTG GATCTTACGG TTCACCAGTT AGGTTCAAGA TTATTAGGGA CAGGAGAACC TATTTGGCAC AAGTTATTGC GCATTAATTCC CGCCTCCCAG TCAACATGAG CTTAGTTCA TCATAGTTCA	CAGTAGGTTC CTCATAGTTC GCCTCAGTGG GCCACAGCTC ACAGCTCTTC TTGGGTCCCA ATGGTCAGCC TCTCGGTGCT GTGGTACTGA GCCAAAAGAG GAACTAACAT TCAACTGCTT CCTCCGTGCA TCTCAGGTGC ATTCCTGAGG TGGTCCTACC TTGTGGAAGG GAATACAAA CTAATTTAGT	TCTGATGTTT TTCCTATAAC CTGCTGGGAG AGGCATCTAA CAGACCCTTC TCCATCAAGG CGGGACCCCC CATGAAATTT GTCCGTGTTA ACCTGGAGCT ACAGGGACAG GCAAAAAGCA GCAGCCTTCA ATTTGCCATA ATTTAATGTTG TCTTAATACC GACATTCAAA TGCAATAACT AGGCTTGAA
33501 33551 33601 33651 33701 33751 33801 33851 34901 34051 34101 34201 34201 34351 34301 34351 34401 34451	CATTITIGTCA TAGGTTGAGC AGACAACCCC CACAGTCAAG CTTTTGCTTA GGTGTTTTTTG ATAGTGGCTT CCTTGGATTT TTCTCCACCT ACTTCTGTAA AGCAAACAAG TCCAGTGGTG TGCAGCTTAT CGTGGCAACC CACCACTCC TTAGGGTCTC TTAGGGTCTC ATAAAAATAT CCATTGCAGT TTTACCTCCA GACCCTGCCT	TOCTIGITTICT TAGTCTIGGCA TIGGCCTGTGC AATGGCCAGC GTTAGATCCA GGGTGTTCTG TTGGGCACCA CCCCTTTCCT TCCTIGCTIGGG GGATGGCACC ACATAGGGTT GTIGGACTAGA ATAGCACTTT CTCCTTTCTT CACCGTAATI CACTGTAATT CAATTAAATT TATTTTAGAG AATCATTIGAC TTAGTCTTTT	GCAGGTAGGA TCTCTTTCTA TGGGAGCTCA CATTGTGGCT CCCCCCTGCA TACTCATACA CATAAATGTG GATCTTACGG TTCACCAGTT AGGTTCAAGA TTATTAGGGA CAGGAGAACC TATTTGGCAC AAGTTATTGC GCATTCAAGA TCACCAGT TCACCATTCAGT TCACCATTTTAGTTCA TCATAGTTCA TCATAGTTGT TGACCTTTTA	CAGTAGGTIC CITCATAGTTIC GCCTCAGTIGG GCCACAGCTC ACAGCTCTTC TTGGGTCCCA ATGGTCAGCC TCTCGGTGCT GTGGTACTGA GCCAAAAGAG GAACTAACAT TCAACTGCTT CCTCCGTGCA TCTCAGGTGC ATTCCTGAGG TGGTCCTACC TTGTGGAAGG GAAATACAAA CTAATTTAGT TCTGGGCTGA	TCTGATGTTT TTCCTATAAC CTGCTGGGAG AGGCATCTAA CAGACCCTTC TCCATCAAGG CGGGACCCCC CATGAAATTT GTCCGTGTTA ACCTGGAGCT ACAGGGACAG GCAAAAAGCA GCAGCCTTCA ATTTGCCATA ATTTAATGTTG TCTTAATACC GACATTCAAA TGCAATAACT AGGCTTTGAA TTAGTGTAGA TAGAGCTTTGAA TAGAGCTTTGAA TAGAGCTTTGAA TAGAGCTTTGAA TAGAGCTTTGAA TAGAGCTTTGAA TATATGTAGG
33501 33551 33601 33651 33701 33751 33801 33851 34901 34051 34151 34201 34251 34301 34351 34401 34451 34451	CATTITIGITCA TAGGITIGAGC AGACAACCCC CACAGITCAAG CITTITIGETTA GGIGITITITIG ATAGIGGCTT TITCICCACCT ACTICIGATTI TITCICCACCT ACTICIGITAA AGCAAACAAG TCCAGIGGIG TIGCAGCTTAT CGTGGCAACC CACCCACTCC TITACGGICTIC ATAAAAATAT CCATIGCAGT TITTACCTCCA GACCCTGCCT GAAAGAGGCT	TOCTIGITTICT TAGTCTIGGCA TIGGCCTGTGC AATGGCCAGC GTTAGATCCA GGGTGTTCTG TTGGGCACCA CCCCTTTCCT TCCTGCTGGG GGATGGCACC ACATAGGGTT GTGGACTAGA ATAGCACTTT CTCCTTTCTT CACCGTAATG ATGGCCTAAT CAATTAAATT TATTTTAGAC TTAGTCTTTT CAGGAAGGAA	GCAGGTAGGA TCTCTTTCTA TGGGAGCTCA CATTGTGGCT CCCCCCTGCA TACTCATACA CATAAATGTG GATCTTACGG TTCACCAGTT AGGTTCAAGA TTATTAGGGA CAGGAGAACC TATTTGGCAC AAGTTATTGC GCATTAATCC CGCCTCCCAG TCAACATGAG CTTAAGTTGA CATAAGTTGT TGACCTTTTA AAACAGTTAG	CAGTAGGTIC CITCATAGTTIC GCCTCAGTGG GCCACAGCTC ACAGCTCTTC TTGGGTCACCA ATGGTCAGCC TCTCGGTGCT GTGGTACTGA GGCAAAAGAG GAACTAACAT TCAACTGCTT CCTCCGTGCA TCTCAGGTGC ATTCCTGAGG TGGTCCTACC TTGTGGAAGG GAAATACAAA CTAATTTAGT TCTGGACTGA GAAAAGAAAA	TCTGATGTTT TTCCTATAAC CTGCTGGGAG AGGCATCTAA CAGACCCTTC TCCATCAAGG CGGGACCCC CATGAAATTT GTCCGTGTTA ACCTGGAGCT ACAGGGACAG GCAAAAAGCA GCAGCCTTCA ATTTGCCATA ATTTAATGTTG TCTTAATACC GACATTCAAA TGCAATAACT AGGCTTTGAA TATATGTAGG CTTGGAAGAG CTTGGAAGAG CTTGGAAGAG
33501 33551 33601 33651 33701 33751 33801 33951 34001 34051 34101 34251 34301 34301 34451 34451 34501 34551	CATTITISTICA TAGGTTGAGC AGACAACCCC CACAGTCAAG CTTTTGCTTA GGTGTTTTTTG ATAGTGGCTT TTCTCCACCT ACTTCTGTAA AGCAAACAAG TCCAGTGGTG TGCAGCTTAT CGTGGCAACC CACCCACTCC TTACGGTCTC ATAAAAATAT CCATTGCAGT TTTACCTCCA GACCCTGCCT GAAAGAGGCT ATATTTAGGA	TOCTIGITTICT TAGTCTIGGCA TIGGCCTGTGC AATGGCCAGC GITAGATCCA GGGTGTTCT TTGGGCACCA CCCCTTTCCT TCCTIGCTGGG GGATGGCACC ACATAGGGTT GTGGACTAGA ATAGCACTTT CTCCTTTCTT CACCGTAATG ATGGCCTAAT CACTTAAATT TATTTTAGGA AATCATTGAC TTAGTCTTTT CAAGAAGGAA ATCTTTGAAT	GCAGGTAGGA TCTCTTTCTA TGGGAGCTCA CATTGTGGCT CCCCCCTGCA TACTCATACA CATAAATGTG GATCTTACGG TTCACCAGTT AGGTTCAAGA TTATTAGGGA CAGGAGAACC TATTTGGCAC AAGTTATTGC GCATTCAATGA CCACTCCCAG TCAACATGAG CTTAGTTCA TCATAGTTCA TCATAGTTCA AAACAGTTAG ATCTTACTGT	CAGTAGGTIC CITCATAGTTIC GCCTCAGTGG GCCACAGCTC ACAGCTCTTC TTGGGTCACCA ATGGTCAGCC TCTCGGTGCT GTGGTACTGA GGCAAAAGAG GAACTAACAT TCAACTGCTT CCTCCGTGCA TCTCAGGTGC ATTCCTGAGG TGGTCCTACC TTGTGGAAGG GAAATACAAA CTAATTTAGT TCTGGACTGA GAAAAGAAAA	TCTGATGTTT TTCCTATAAC CTGCTGGGAG AGGCATCTAA CAGACCCTTC TCCATCAAGG CGGGACCCCC CATGAAATTT GTCCGTGTTA ACCTGGAGCT ACAGGACAG GCAAAAAGCA GCAGCCTTCA ATTTGCCATA ATTTAATGTTG TCTTAATACC GACATTCAAA TGCAATAACT AGGCTTTGAA TATATGTAGG CTTGGAAGAG AATCGTTTTT
33501 33551 33601 33651 33701 33751 33801 33851 33951 34001 34151 34201 34251 34301 34351 34401 3451 34501 34551 34601	CATTTIGITCA TAGGTIGAGC AGACAACCCC CACAGTCAAG CTTTIGCTTA GGTGTTTTTIG ATAGTIGGCTT TTCTCACCTT ACTTCTGTAA AGCAAACAAG TCCAGTIGGTG TIGCAGCTTAT CGTGGCAACC CACCCACTCC TTACGGTCTC ATAAAAATAT CCATTGCAGT TTTACCTCCA GACCCTGCCT GAAAGAGGCT ATATTTAGGA CTTTCATTTT	TOCTIGITTICT TAGTCTIGGCA TIGGCCTGTGC AATGGCCAGC GITAGATCCA GGGTGTTCTG TTGGGCACCA CCCCTTTCCT TCCTIGCTGGG GGATGGCACC ACATAGGGTT GTGGACTAGA ATAGCACTTT CCCCTTTCTT CACCGTAATG ATGGCCTAAT CAATTAAATT TATTTTAGAG AATCATTIGAC TTAGTCTTTT CACGAAGGAA ATCTTTGAAT ATTTGAAT ATTTGATCAT	GCAGGTAGGA TCTCTTTCTA TGGGAGCTCA CATTGTGGCT CCCCCCTGCA TACTCATACA CATAAATGTG GATCTTACGG TTCACCAGTT AGGTTCAAGA TTATTAGGGA CAGGAGAACC TATTTGGCAC AAGTTATTGC GCATTAATCC CGCCTCCCAG TCAACATGAG CTTAGGTTCA TCATAGTTTCA TCATAGTTTCA TCATAGTTTCA TCATAGTTTCA TCATAGTTTA AAACAGTTTAG ATCTTACTGT TACCACAATT	CAGTAGGTTC CTCATAGTTC GCCTCAGTGG GCCACAGCTC ACAGCTCTTC TTGGGTCCCA ATGGTCAGCC TCTCGGTGCT GTGGTACTG GCAAAAGAG GAACTAACAT TCAACTGCTT CCTCCGTGCA TCTCAGGTGC ATTCCTGAGG TGGTCCTACC TTGTGGAAGG GAAATACAAC TCTGGGAAGG GAAATACAAA CTAATTTAGT TCTGGACTGA TCTGGACTGA GAAAAGAAAA	TCTGATGTTT TTCCTATAAC CTGCTGGGAG AGGCATCTAA CAGACCCTTC TCCATCAAGG CGGGACCCCC CATGAAATTT GTCCGTGTTA ACCTGGAGCT ACAGGGACAG GCAAAAAGCA GCAGCCTTCA ATTTGCCATA ATTTAATGTTG TCTTAATACC GACATTCAAA TGCAATAACT AGGCTTTGAA TATATGTAGG CTTGGAAGAG CATTGGAAGAG CATTGGAAGAG CATTGGAAGAG AATCGTTTTT AGGAATCACA
33501 33551 33601 33651 33701 33751 33801 33851 33951 34001 34151 34201 34251 34301 34351 34401 3451 34501 34551 34601	CATTTIGITCA TAGGTIGAGC AGACAACCCC CACAGTCAAG CTTTIGCTTA GGTGTTTTTIG ATAGTIGGCTT TTCTCACCTT ACTTCTGTAA AGCAAACAAG TCCAGTIGGTG TIGCAGCTTAT CGTGGCAACC CACCCACTCC TTACGGTCTC ATAAAAATAT CCATTGCAGT TTTACCTCCA GACCCTGCCT GAAAGAGGCT ATATTTAGGA CTTTCATTTT	TOCTIGITTICT TAGTCTIGGCA TIGGCCTGTGC AATGGCCAGC GITAGATCCA GGGTGTTCTG TTGGGCACCA CCCCTTTCCT TCCTIGCTGGG GGATGGCACC ACATAGGGTT GTGGACTAGA ATAGCACTTT CCCCTTTCTT CACCGTAATG ATGGCCTAAT CAATTAAATT TATTTTAGAG AATCATTIGAC TTAGTCTTTT CACGAAGGAA ATCTTTGAAT ATTTGAAT ATTTGATCAT	GCAGGTAGGA TCTCTTTCTA TGGGAGCTCA CATTGTGGCT CCCCCCTGCA TACTCATACA CATAAATGTG GATCTTACGG TTCACCAGTT AGGTTCAAGA TTATTAGGGA CAGGAGAACC TATTTGGCAC AAGTTATTGC GCATTCAATGA CCACTCCCAG TCAACATGAG CTTAGTTCA TCATAGTTCA TCATAGTTCA AAACAGTTAG ATCTTACTGT	CAGTAGGTTC CTCATAGTTC GCCTCAGTGG GCCACAGCTC ACAGCTCTTC TTGGGTCCCA ATGGTCAGCC TCTCGGTGCT GTGGTACTG GCAAAAGAG GAACTAACAT TCAACTGCTT CCTCCGTGCA TCTCAGGTGC ATTCCTGAGG TGGTCCTACC TTGTGGAAGG GAAATACAAC TCTGGGAAGG GAAATACAAA CTAATTTAGT TCTGGACTGA TCTGGACTGA GAAAAGAAAA	TCTGATGTTT TTCCTATAAC CTGCTGGGAG AGGCATCTAA CAGACCCTTC TCCATCAAGG CGGGACCCCC CATGAAATTT GTCCGTGTTA ACCTGGAGCT ACAGGGACAG GCAAAAAGCA GCAGCCTTCA ATTTGCCATA ATTTAATGTTG TCTTAATACC GACATTCAAA TGCAATAACT AGGCTTTGAA TATATGTAGG CTTGGAAGAG CATTGGAAGAG CATTGGAAGAG CATTGGAAGAG AATCGTTTTT AGGAATCACA
33501 33551 33601 33651 33701 33751 33801 33851 34901 34051 34101 34251 34301 34351 34401 34451 34501 34551 34601 34651	CATTITISTICA TAGGTTGAGC AGACAACCCC CACAGTCAAG CTTTTGCTTA GGTGTTTTTTG ATAGTGGCTT TTCTCACCT TACTTGTAA AGCAAACAAG TCCAGTGGTG TGCAGCTTAT CGTGGCAACC CACCCACTCC TTACGGTCTC ATAAAAATAT CCATTGCTGCA GACCCTGCCT GAAAGAGGCT ATATTTAGGA CTTTCATTTT GTTGGGAGAG CTTTCATTTT GTTGGGAGAG	TOCTIGITTICT TAGTCTIGGCA TIGGCCTGTGC AATGGCCAGC GITAGATCCA GGGTGTTCTG TTGGGCACCA CCCCTTTCCT TCCTIGCTGGG GGATGGCACC ACATAGGGTT GTGGACTAGA ATAGCACTTT CCCCTTTCTT CACCGTAATG ATGGCCTAAT CAATTAAATT TATTTTAGAG AATCATTGAC TTAGTCTTTT CAAGAAGGAA ATCTTTGAAT ATTTGATCAT ACTGCAGGTT	GCAGGTAGGA TCTCTTTCTA TGGGAGCTCA CATTGTGGCT CCCCCCTGCA TACTCATACA CATAAATGTG GATCTTACGG TTCACCAGTT AGGTTCAAGA TTATTAGGGA CAGGAGAACC TATTTGGCAC AAGTTATTGC GCATTCAATTCC CGCCTCCCAG TCAACATGAG CTTAGTTCA TCATAGTTCA TCATAGTTTA AAACAGTTAG ATCTTACTGT TACCACAATT ATGTAGACTA	CAGTAGGTTC CTCATAGTTC GCCTCAGTGG GCCACAGCTC ACAGCTCTTC TTGGGTCCCA ATGGTCAGCC TCTCGGTGCT GTGGTACTGA GGCAAAAGAG GAACTAACAT TCAACTGCTT CCTCCGTGCA TCTCAGGTGC ATTCCTGAGG TGGTCCTACC TTGTGGAAGG GAAATACAAA CTAATTTAGT TCTTGGACTGA GAAAAGAAAA	TCTGATGTTT TTCCTATAAC CTGCTGGGAG AGGCATCTAA CAGACCCTTC TCCATCAAGG CGGGACCCCC CATGAAATTT GTCCGTGTTA ACCTGGAGCT ACAGGACAG GCAAAAAGCA GCAGCCTTCA ATTTGCCATA ATTTAATGTTG TCTTAATACC GACATTCAAA TGCAATAACT AGGCTTTGAA TATATGTAGG CTTGGAAGAG CATGGAAGAG CATGGAAGAG AATCGTTTTT AGGAATCACA TACAAACATT
33501 33551 33601 33651 33701 33751 33801 33851 33901 34051 34101 34151 34201 34351 34301 34451 34501 34501 34651 34601 34651	CATTTIGITCA TAGGTIGAGC AGACAACCCC CACAGTCAAG CTTTIGCTTA GGTGTTTTTG ATAGTGGCTT TTCTCCACCT ACTTCTGTAA AGCAAACAAG TCCAGTGGTG TGCAGCTTAT CGTGGCAACC CACCCACTCC TTAGGGTCTC ATAAAAATAT CCATTGCAGT TTTACCTCCA GACCCTGCCT GAAAGAGGCT ATATTTAGGT CTTTGGTAC CTTTGGTAC CTTTGGTAC CTTTGGTAC CTTTGGTAC CTTTGGTAC CTTTGGTAC	TOCTIGITTICT TAGTCTIGGCA TIGGCCTGTGC AATGGCCAGC GTTAGATCCA GGGTGTTCTG TTGGGCACCA CCCCTTTCCT TCCTGCTGGG GGATGGCACC ACATAGGGTT GTGGACTAGA ATAGCACTTT CACCGTAATG ATGGCCTAAT CAATTAGACT TATTTTAGAG AATCATTGAC TTAGTCTTTT CAGGAGGAA ATCATTGAC ATTTGATCAT ACTGCAGGTT ATTTTGATCAT ACTGCAGGTT ATTTTGCTCT	GCAGGTAGGA TCTCTTTCTA TGGGAGCTCA CATTGTGGCT CCCCCCTGCA TACTCATACA CATAAATGTG GATCTTACGG TTCACCAGTT AGGTTCAAGA TTATTAGGGA CAGGAGAACC TATTTGGCAC AAGTTATTGC GCATTAATCC CGCCTCCCAG TCAACATGAG CTTTAGTTCA TCATAGTTGT TGACCTTTTA AAACAGTTAG ATCTTACTGT TACCACAATT ATGTAGACTA AGGACTGGGT	CAGTAGGTTC CTCATAGTTC GCCTCAGTGG GCCACAGCTC ACAGCTCTTC TTGGGTCCCA ATGGTCAGCC TCTCGGTGCT GTGGTACTGA GGCAAAAGAG GAACTAACAT TCAACTGCTT CCTCCGTGCA TCTCAGGTGC ATTCCTGAGG TGGTCCTACC TTGTGGAAGG GAAATACAAA CTAATTTAGT TCTGGACTGA GAAAAGAAAA	TCTGATGTTT TTCCTATAAC CTGCTGGGAG AGGCATCTAA CAGACCCTTC TCCATCAAGG CGGGACCCCC CATGAAATTT GTCCGTGTTA ACCTGGAGCT ACAGGGACAG GCAAAAAGCA GCAGCCTTCA ATTTGCCATA ATTTAATACC GACATTCAAA TGCAATAACT AGGCTTTGAA TATATGTAGG CTTGGAAGAG AATCGTTTTTAGAA TATATGTAGG CTTGGAAGAG AATCGTTTTTAGAA TAGGAATCACA TACAAACATT CTAGTTTCTG TCTAGTTTCTG
33501 33551 33601 33651 33701 33751 33801 33851 33901 34051 34101 34151 34201 34251 34301 34501 34501 34501 34651 34601 34751	CATTTIGITCA TAGGTIGAGC AGACAACCCC CACAGTCAAG CTTTIGCTTA GGTGTTTTTG ATAGTGGCTT TTCTCCACCT ACTTCTGTAA AGCAAACAAG TCCAGTGGTG TGCAGCTTAT CGTGGCAACC CACCCACTCC TTAGGGTCTC ATAAAAATAT CCATTGCAGT TTTACCTCCA GACCCTGCCT GAAAGAGGCT ATATTTAGGT CTTTGGTAG CTTTGGTAG CTTTGGTAG CTTTGGTAG CTTTGGTAG CTTTGGTAG TGAGCTGCCT	TOCTIGITTICT TAGTCTIGGCA TIGGCCTGTGC AATGGCCAGC GTTAGATCCA GGGTGTTCTG TTGGGCACCA CCCCTTTCCT TCCTGCTGGG GGATGGCACCA ATAGGGTT GTGGACTAGA ATAGCACTTT CACCGTAATG ATGGCCTAAT CAATTAGACT TATTTTAGAG AATCATTGAC TTAGTCTTTT CAGGAGGAA ATCATTGAC TTAGTCTTTT CAGGAGGAA ATCTTTGATCAT ACTGCAGGTT ATTTTGATCAT ACTGCAGGTT ATTTTGATCAT TCTAGGCGTCA	GCAGGTAGGA TCTCTTTCTA TGGGAGCTCA CATTGTGGCT CCCCCCTGCA TACTCATACA CATAAATGTG GATCTTACGG TTCACCAGTT AGGTTCAAGA CAGGAGAACC TATTTGGGA CAGGAGAACC TATTTGGCAC AAGTTATTGC GCATTAATTCC CGCCTCCCAG TCAACATGAG CTTTAGTTCA TCATAGTTGT TGACCTTTTA AAACAGTTAG ATCTTACTGT TACCACAATT ATGTAGACTA AGGACTGGGT CAGGGATTAG CAGGGATTAG CAGGGATTAG CAGGGATTAG CAGGGATTAG CAGGGATTAG CAGGGATTAG CAGGGATTAG	CAGTAGGTTC CTCATAGTTC GCCTCAGTGG GCCACAGCTC ACAGCTCTTC TTGGGTCCCA ATGGTCAGCC TCTCGGTGCT GTGGTACTGA GGCAAAAGAG GAACTAACAT TCAACTGCTT CCTCCGTGCA TCTCAGGTGC ATTCCTGAGG TGGTCCTACC TTGTGGAAGG GAAATACAAA CTAATTTAGT TCTGGACTGA GAAAAGAAAA	TCTGATGTTT TTCCTATAAC CTGCTGGGAG AGGCATCTAA CAGACCCTTC TCCATCAAGG CGGGACCCCC CATGAAATTT GTCCGTGTTA ACCTGGAGCT ACAGGGACAG GCAAAAAGCA GCAGCCTTCA ATTTGCCATA ATTTAATACC GACATTCAAA TGCAATAACT AGGCTTTGAA TATATGTAGG CTTGGAAGAG AATCGTTTTTAGGACTTTTAGGAATCACA TACAAACATT CTAGTTTCTG CGTAGAAATG CGTAGAAATG CGTAGAAATG
33501 33551 33601 33651 33701 33751 33801 33851 33901 34051 3401 34151 34201 34251 34301 34351 34501 34501 34501 34601 34651 34701 34751 34801	CATTTIGITCA TAGGTIGAGC AGACAACCCC CACAGTCAAG CTTTIGCTTA GGTGTTTTTG ATAGTGGCTT TTCTCCACCT ACTTCTGTAA AGCAAACAAG TCCAGTGGTG TGCAGCTTAT CGTGGCAACC CACCCACTCC TTAGGGTCTC ATAAAAATAT CCATTGCAGT TTTACCTCCA GACCTGCCT GAAAGAGGCT ATATTTAGGA CTTTTGTAGT GTTGGGAGAG CTTTTGGTAC TGAGGTGCT GATGGAGAGCT ATATTTAGGA CTTTTGGTAC TGAGGCTGCT GATGGAGAGCT CTTTTGGTAC TGAGGCTGCT GATTACCTAG	TOCTIGITTICT TAGTCTIGGCA TIGGCATIGGCAGC GTTAGATICCA GGGTGTTCTG TTIGGGCACCA COCCITTICCT TCCTIGCTIGGG GGATIGGCACCA ATAGGGCTT GTGGACTAGA ATAGCACTTT CACCIGTAATI CACCIGTAATI CACCIGTAATI CACTITAGAC ATAGTCTTTT CACGGTAATI CACTITAGAC TTAGTCTTTT CAGGAGGAA ATCTTTGAC ATTITIGATCAT ACTIGCAGGTT ACTITAGCTCT TCTAGCGTCA GGATCAAAAA	GCAGGTAGGA TCTCTTTCTA TGGGAGCTCA CATTGTGGCT CCCCCCTGCA TACTCATACA CATAAATGTG GATCTTACGG TTCACCAGTT AGGTTCAAGA TTATTAGGGA CAGGAGAACC TATTTGGCAC AAGTTATTGC GCATTAATCC CGCCTCCCAG TCAACATGAG CTTTAGTTCA TCATAGTTGT TGACCTTTTA AAACAGTTAG ATCTTACTTT ACACACATT AGGACTAGACT ATGTAGACTA AGGACTGGGT CAGGAGTTAG GCAGAAGTTAT CAGGACTTAG CAGGACTAG CAGGACTTAG CAGGACTAG CAGGACTTAG CAGGACTAG CAGCAC CAGCACTAG CA	CAGTAGGTIC CITCATAGTTIC GCCTCAGTGG GCCACAGCTC ACAGCTCTTC TTGGGTCCCA ATGGTCAGCC TCTCGGTGCT GTGGTACTGA GGCAAAAGAG GAACTAACAT TCAACTGCTT CCTCCGTGCA TCTCAGGTGC ATTCCTGAGG TGGTCCTACC TTGTGGACGG GAAATACAAA CTAATTTAGT TCTGGACTGA GAAAAGAAAA	TCTGATGTTT TTCCTATAAC CTGCTGGGAG AGGCATCTAA CAGACCCTTC TCCATCAAGG CGGGACCCCC CATGAAATTT GTCCGTGTTA ACCTGGAGCT ACAGGGACAG GCAAAAAGCA ACTTGGAGCT TCTAATACC GACATTCAAA TTTAATGTTG TCTTAATACC GACATTCAAA TATATGTAGG CTTGGAACAG AATCGTTTTA AGGCTTTTA AGGCTTTTA AGGCTTTTA AGGCTTTTA ATATGTAGG CTTGGAACAG AATCGTTTTT AGGAATCACA TACAAACATT CTAGTTTCTG CGTAGAAATG CTTTGCTTCT
33501 33551 33601 33651 33701 33751 33801 33851 34901 34051 34051 34201 34251 34301 34351 34501 34501 34501 34501 34501 34501 34501 34501 34501 34501 34501 34501 34501 34501	CATTTIGITCA TAGGTIGAGC AGACAACCCC CACAGTCAAG CTTTIGCTTA GGTGTTTTTG ATAGTGGCTT TTCTCCACCT ACTTCTGTAA AGCAAACAAG TCCAGTGGTG TGCAGCTTAT CGTGGCAACC CACCCACTCC TTAGGGTCTC ATAAAAATAT CCATTGCAGT TTTACCTCCA GACCCTGCCT GAAAGAGGCT ATATTTAGGA CTTTCATTTT GTTGGGAGAC CTTCAGTTGCAGT TTTTTTTTTT	TOCTIGITTICT TAGTCTIGGCA TGGCCTGTGC AATGGCCAGC GITAGATCCA GGGTGTTCTG TTGGGCACCA COCCTTTCCT TCCTGCTGGG GGATGGCACC ACATAGGGTT GTGGACTAGA ATAGCACTTT CACCGTAATG ATGGCCTAAT CAATTAAATT TATTTTAGAG AATCATTGAC TTAGTCTTTT CAAGAAGGAA ATCTTTGACT ACTTGCAGGTT ACTTGCAGGTT ACTTGCAGGTT ATTTTGCTCT ACTTAGAGTT ATTTTGCTCT ACTTAGAGTT ATTTTGCTCT ACTTAGAGGTT ATTTTGCTCT ACTTAGAGGTT ATTTTGCTCT ACTTAGAGGTCA GGATCAAAAA AAGGTGGTAA	GCAGGTAGGA TCTCTTTCTA TGGGAGCTCA CATTGTGGCT CCCCCCTGCA TACTCATACA CATAAATGTG GATCTTACGG TTCACCAGTT AGGTTCAAGA TTATTAGGGA CAGGAGAACC TATTTGGCAC AAGTTATTGC GCATTAATTCC CGCCTCCCAG TCAACATGAG CTTTAGTTCA TCATAGTTGT TGACCTTTTA AAACAGTTAG ATCTTACTGT TACCACCAATT ATGTAGACTA AGGACTGGGT CAGGGATTAG GCAGAAGTAT TGAAGAGTCT TGAAGAGT TGAAGAGTCT TGAAGAGTCT TGAAGAGTCT TGAAGAGTCT TGAAGAGTCT TGAAGAGT TGA	CAGTAGGTTC CTCATAGTTC GCCTCAGTGG GCCACAGCTC ACAGCTCTTC TTGGGTCCCA ATGGTCAGCC TCTCGGTGCT GTGGTACTGA GGCAAAAGAG GAACTAACAT TCACGTGCA TCTCAGGTGC ATTCCTGAGG TGGTCCTACC TTGTGGACGA TCTCAGGTGC ATTCCTGAGG TGGTCCTACC TTGTGGACGA TCTCAGGTGC ATTCCTGAGG TGGTCCTACC TTGTGGACGA TCTCAGGTGC ATTCCTGAGG TGGTCCTACC TTGTGGACGA TCTCAGGTTGC TCTGGACTGA GAAAAGAAAA	TCTGATGTTT TTCCTATAAC CTGCTGGGAG AGGCATCTAA CAGACCCTTC TCCATCAAGG CGGGACCCCC CATGAAATTT GTCCGTGTTA ACCTGGAGCT ACAGGGACAG GCAAAAAGCA ACTTGGAGCT ACAGGGACAA ATTAATGTTG TCTTAATACC GACATTCAAA TGCAATAACT AGGCTTTGAA TATATGTAGG CTTGGAAGAG AATCGTTTTT AGGAATCACA TACAAACATT CTAGTTTCTT CTAGTTTCT GTAGGTGTTG GTAGGAATTG GTTTGCTTCT GTAGGTGTTG GTAGGAATTG GTTTGCTTCT GTAGGTGTTG GTAGGAATTG CTTTGCTTCT GTAGGTGTTG GTAGGAATTG CTTTGCTTCT GTAGGTGTTG
33501 33551 33601 33651 33701 33751 33801 33851 33901 34051 3401 34201 34251 34201 34351 34501 3451 34501 3451 34501 3451 34601 34651 34701 34851 34801 34801	CATTITIGITCA TAGGTTGAGC AGACAACCCC CACAGTCAAG CTTTTGCTTA GGTGTTTTTTG ATAGTGGCTT TTCTCCACCT ACTTCTGTAA AGCAAACAAG TCCAGTGGTG TGCAGCTTAT CGTGGCAACC CACCCACTCC TTAGGGTCTC ATAAAAATAT CCATTGCAGT TTTACCTCCA GACCCTGCCT GAAGAGGCT ATATTTAGGA CTTTTGGTAC TGAGGCTGCT GAAGAGGCT ATATTTAGGA CTTTTGGTAC TGAGGCTGCT GATTACCTCCA TGAGGCTGCT TTTTTTTTTT	TOCTIGITTICT TAGTCTIGGCA TIGGCCTGTGC AATGGCCAGC GTTAGATCCA GGGTGTTCTG TTGGGCACCA CCCCTTTCCT TCCTGCTGGG GGATGGCACC ACATAGGGTT GTGGACTAGA ATAGCACTTT CACCGTAAT CAATTAAATT TATTTTAGAG ATCATTGAT CATGAGGAA ATCATTGAT ATTTGATCAT ACTGCAGGTT ATTTTGATCAT ACTGCAGGTT ACTGCAGGTT ACTGCAGGTT ACTGCAGGTT ACTGCAGGTT ACTGCCATGT ACTGCCATGC ACTGCCATGT ACTGCCATGCCA	GCAGGTAGGA TCTCTTTCTA TGGGAGCTCA CATTGTGGCT CCCCCCTGCA TACTCATACA CATAAATGTG GATCTTACGG TTCACCAGTT AGGTTCAAGA TTATTAGGGA CAGGAGAACC TATTTGGCAC AAGTTATTGC GCATTAATTC CGCCTCCAG TCAACATGAG TCAACATGAG TCAACATGAG TCAACATGAT TACTACTGT TACCACAATT ATGTAGACTTA AGGACTTAGGT CAGGGATTAG CAGGGATTAG TCAGGAGTTAT CAGGGATTAG TCAGGAGTTAT TGAGGATTAG TCAGGAGTTAT TGAGGATTAG TCAGGAGTTAT TGAGGAGTTAT TGAGGATTAG TCAGGGATTAG TCAGGAGTTAT TCAGGATGCC	CAGTAGGTIC CITCATAGTTIC GCCTCAGTGG GCCACAGCTC ACAGCTCTTC TTGGGTCCCA ATGGTCAGCC TCTCGGTGCT GTGGTACTGA GCCAAAAGAG GAACTAACAT TCAACTGCTT CCTCCGTGCA TCTCAGGTGC ATTCCTGAGG TGGTCCTACC TTGTGGAAGG GAAATACAAA CTAATTTAGT TCTGGACTGA GAAAAGAAA TCTAGGTTAT TCAAGGCAAA TCTAGGTTAT TCAAGGCAAA TCTAGGTTAT TCAAGGCAAA CTCACTCTGT TGGGCCTGGT CAGTAGATAG GGATTGCTGT TTACTAGAGA	TCTGATGTTT TTCCTATAAC CTGCTGGGAG AGGCATCTAA CAGACCCTTC TCCATCAAGG CGGGACCCCC CATGAAATTT GTCCGTGTTA ACCTGGAGCT ACAGGGACAG GCAAAAAGCA GCAGCCTTCA ATTTGCCATA ATTTAATGTTG TCTTAATACC GACATTCAAA TATATGTAGG CTTGGAAGAG AATCGTTTTT AGGAATCACA TACAAACATT CTAGTTTCTG CGTAGAAATTG CTTGGAGAGT CTTGGAGAATTG CTTTGGTTTCT GTAGGGTTTG CTTTTTGACT
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35001 GAMATACACT GICTGATEMA GEAMAGAGAT ITIGIAMCAA CITACAMATAT SOSSI ANTGATAMAC TACICATAMA ANTGTAMAC ITIGIAGTACT TCIGTGAGGA 35101 AMCGAMATAC TGIGGATTAMA TACAMAMAAT GACATCHAG AAGAGCTTAA 35151 GAGTAGGAT TCITACAGTGA GAAGTGAGA AAGAGCAMAC ATTATTICAT 35201 TGAMACCTC TACACCCT GIGGATAGAGA TATCAGACAA ATTATTICAT 35251 GAGTAGCAG CGAGTATICA GCAGAGCTGG GATTIAMACC CAAGGTGATA 35251 GACTCAGGAG CGAGTATICA GCAGAGCTGG GATTIAMACC CAAGGTCAT 35351 TITACAGGGG ATTATAGACTTI ATATTICATAGT 35351 TITACAGGGGT ATAACACCTTI ATATTICATAT TTITACAGGGGT ATACACATTI ATAATTAAAGA GTATTATAGAG SAGATAGACATTI ATAATAAAGA TITACAGAGTA SATCACAATTA TGAAGAGTAG ATTATTATAGAG GATTATAGAG SAGATAGACATTA TGAAGAGTAG ATTATTATAGAG GAGAGCTGG GATTATAGAG ATTATTATAGATTAGAGAGTAG ATTATTATAGAGTAGAGTAG ATTACAGACTTA TACAGACATTA TGAAGAGTAG ATTATTATAGAGT GAGAGTAGAC TCCGCCTATG AGGAGTAGGT GATCCTGGCC CACTGCAGAC TCCGCCTATG AGGAGTAGTTTTATAGAGAGTAGAGAGTAG ATTACAGACATTA AAAATTAGAGAA TAAAAGACATTAGAGATTAAAAGACATTAGAGATTAAAAGACATTAGAGAATTAAAAGACATTAGAGATTAAAAGACATTAGAGATTAAAAGACATTAGAGAATTAAAAACAATTAGAGAATTAAAAACAATTAGAGAATTAAAAACAATTAGAGAATTAAAAACAATTAGAGAATTAAAAAACAATTAGAGAATTAAAAACAATTAGAGAATTAAAAAACAATTAGAGAATTAAAAAACAATTAGAGAATTAAAAAAAA					177104	
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35151 GAGTAGGAGT TICTACAGTICA GAAAGTISAGA AAAGGAAAC ATTATTIGAT 35201 TICACAGCC TIGATAGAAG ATTCAAGACA ACTCAGAAA 35251 GCCCTCAGAG COAGTATUCA CCACAGCTGG CATTTAAAGC CAAGGTCATC 35301 TITACAGCGT TICATACAGT TICATACAGAA 35261 TITCACCCT TICATACAGT AATTAAAGT ACACAGTTAT TAATTATAAC TAATAAAAGG 35401 AGAGCATCAG TIGATAAAGT AGAAAATATG CAAGGTGATG 35401 AGAGCATCAG TIGATAAAGT AGAAAATATG CAAGGTGATG 35501 GTATTTATTT ATTTTAGCTT AATTATAACT TICACCGTATG GATACTAAGG 35501 GTATTTATTT ATTTTAGCAT GAACACCT TICGACCTATG AGACGTAGTA 35501 GTATTTATTT ATTTTAGACT GAACCCTTICCCCC AGACTGAGAG 35501 AGAGTGAGGT TAACACTTCC AATTACAGC TICGACCTATG AGAGAGAGTT 35601 TITAAAAAGA TIAATGTTCC CAAATACTAGT GTATATTGAGA 35701 ATCATTTTCT TAACTTTTCA CAAATACTAGT GTATATTGAGA 35701 ATCATTTTCT TAACTTTTCA CAAAACAGAATA AAATTGAGAA ACAGTTAGAGA 35801 ATACGTTTTG ACAGGACATT TICAATAGG CAAGGAGATA ATACGAATAA AAATTGAGAA 35801 ATACGTTTTG ACAGGACATT TICAATAGG CAAGGAGATA AAAATTGAAAAACAGAAAAAAAAAA	35051	AATGATAAAC	TACTCATAAA	AATGTAAAAA	<b>TGTAGTGACT</b>	TCTGTGAGGA
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35351 TTAGAGGGGT ATAMGACTITI ATAMITINATI TITIAGGTAT GATACTAMGG 35401 AGACACTAGG TIGATAMAGT AGAMATATIC CAGGIFIGIGA ACTGATCAT 35451 TITICCCTAA TCTAGCAATG AGAMATATIC CAGGIFIGIGA ACTGATCAT 35551 GTATTIATITI ATTITIGAGAT GAGGITATIC TCTGTGCGCC AGGCTGGAGT 35501 GTATTIATIT ATTITIGAGAT GAGGTCTTCC TCTGTGCGCC AGGCTGGAGT 35501 AGATTATIG ATACTGTCC CAATACATAC TCCGCCTATIG AGGAGTAGT 35601 TITIAAAAACA TTAGTGTTCT ATTITACAGAA TCCAGTAGGG AAAATATGTT 35701 ATCATTTCT TAACTTTATA TAGCGAATA AAATTIGAAA ACAGTATGTS 35701 ATCATTTCT TAACTTTATA TAGCGAATA AAATTIGAAA ACAGTATGTGAG 35701 ATCATTTCT TAACTTTATA TAGCGAATA AAATTIGAAA ACAGTATGCT 35701 ATCATTTCT TAACTTTATA TAGCGAATA AAATTIGAAA ACAGTATGCT 35701 ATCAGTATTG AGAGGAATA TCCAGTAGG GCAGGGGGT ATAGTGTGAG 35801 ATAGGTTTTG ACAGTAGAAT TCTAATGG GCAGGGGTG ATAGTGTGAG 35801 ATAGGTTTGA CAGAGGAATA TCTAATGG GCAGGGGGGT ATAGTGTGAG 35901 TTGAGGACAGATT TGAGGCTCATC ACCATTTATCC CAGTTTTTCC CATTGTGACC 35901 TTGAGGACAGATT ACAGACAGAATA AAATGGAAGAA 35901 TTGAGGACAGATT AGAAAAAGGA AAAGGAAAAA AATGGAAGAAA 35901 TTGAGGACAGATT AGAAAAAGGA AAAGGAAAAA AATGGAAGAAA 36001 AGACACAGTT AGACATACAC TATGTAGTT AGGTTTTCC CATTGTGACC 36051 AAACCCTCTC AGGCCTCATC GGCCTATTTC AGGCTATTCC CAGTTTTTCC TTTTGTAAT 36101 CTGTGTGAAT GACATTACACT TATGTAGTTT AGGTTTTCC ATTGTGTTCC 36151 TAGAAACAGT CACTACACAC TATGTAGTT AGGTTTTCC ATTGTGTTCC 36151 TAGAAACAGT CACTACACAC TATGTAGATA AGAAAAAGACAC 36201 TTTTCTCATT GACACAGTT TAAAACAC ACACTAATTT GAGTTACAAACAC 36201 ATAAACCACTT TAAAACACACACACACACACACACACA	35251	GGCCTCAGAG	CGAGTATCCA	GCAGAGCTGG	GATTTAMAGC	CAAGGICAIC
35491 TITICOCTIAN TITIGACATO GAGATITIC CAGGIGITICA ACTIGATITATI 35501 GATITIATITI ATTITICACATA GAGATICATO GAGATITICA TITICACATO CAGATIGAGA TITIATITATI 35501 GAGTIGAGGI GATICITICA ATTITICAGAT GAGATICATO 35501 TITIAAAAACA TITAGIGITICI AATTIACAGAA TICAGTAGGI AGAGTAGTI 35501 TITIAAAAACA TITAGIGITICI CAAATACTAG TITATATIGAGA ATAGTITIGAGA ATAGTITIGAGAT AAATTIGAGA ATAGTITIGAGAT ATAGTIGAGAT AAATTIGAAA ACAGTITIGAC CAAAGAGATT TICTAATGAG GAGAGGIGGI ATAGTIGTAGA 35701 ATAGTITITIG CAACAGGAATT TICAATGAG CACAGGIGGI ATAGTIGTAGA 35801 ATAGGTITITIG CAACAGGAATT TICAATGAG CACAGGIGGI ATAGTIGTACA 35801 TITAGACAGGI TICAATGACA CACACTICACT TITAAAATCAG CETEIGATC 35751 TICAGCAGAT TICAAGTAGAA AAATTIGAAA ACAGTIGAAA 35901 TITCAGGCAGAT TICAAGTAGAA AAATTIGAGA CACAGTAGAAA AAATGAGAGAAA 35901 TICAGCAGAAT TICAAGAGAA AAAGAAAAAA AATGAAAGAA AAAGAAGAAA 36001 AGGAACAATT AGAAAAAGGA AAAGGAAAAA AATGAAGAAAA AAAGAAGAAA 36001 AGGAACAATT AGAAAAAAGA AAAGAAAAAAA AATGAAAAAAAA	35301	TTACTICAAC	ATAACACTIT	ATAATTTAAT	TTTACCCTAT	CATACTAGG
35511 TITICCCTICA TCIAGCATIG ANTAGATTA TAAGAGTAA TITAATTAT 35501 GAGTIGGGT GATCTICGGCT CACTIGCAAGC TCCGCCTATIG AGGAGTAGTI 35501 GAGTIGGGT GATCTICGGCT CACTIGCAAGC TCCGCCTATIG AGGAGTAGTI 35601 TITIAAAAAGA TITAGTGTTC TATTITAGAGA TCCAGTIAGGS AAAATTATGTI 35701 ATCATITICT TAACTTITATA TAGCAGATA AAATTTGTAGA ACAGTATTGT 35701 ATCATITICT TAACTTITATA TAGCAGATA AAATTTGAAA ACAGTATGTA 35701 ATCATITICT TAACTTITATA TAGCAGAATA AAATTTGAAA ACAGTATGTA 35801 ATAGGTTTTG ACAGAGAATT TTCTAATTGAG GCAGGGTGGT ATAGTGTGAGA 35801 ATAGGATTTG ACAGAGTAATT TTCTAATTGAG GCAGGGTGGT ATAGTGTGAGA 35801 ATAGGATTTG ACAGAGTAATT TTCTAATTGAG GCAGGGTGGT ATAGTGTGACA 35801 TTAGCACAGT TCGAGGTGCCT ACAGTTTTTC CATTITCTC CATTITICACA 35901 TTGCCTGGAC GTAAGGGAGAA CAAGGAAAAAAAAAAA	3232T	1 IAGAGGGG	TTCATAAACT	ACAAAATATC	CACCICITICA	ACTICATICTAT
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35551 GCAGTIGGCGT GATCTGGCCT CACTIGCAGC TICCGCCTATIS AGGATAGTT 35601 TITAMAAACA THAGTIGTICT CACATACTAG TIGATGTIGG AMATAGTT 35751 GGATTTTIG TATACTGTCC CACATACTAG TIGATGTIGT ATTATGTAGT 35751 GAGATTTTIG CACAGAGAATT TICTAATGAG CACAGGTGGT ATTATGTAGT 35801 ATAGGTTTTIG CACAGAGAATT TICTAATGAG CACAGGTGGT ATTATGTAGT 35801 ATAGGTTTTIG CACAGAGAATT TICTAATGAG GCAGGGTGGT ATTATGTAGT 35801 ATAGGTTTTIG CACAGAGAATT TICTAATGAG CACAGGTGGT ATTATGTAGA 35801 TICACCTGAG TICTAGCCT ACTGTAGCCT CACGTTTICTC CACTTGTAGAC 35951 TITCCTGCAG GTACAGAGAAAAA CACAGAAAAA AATGAAAAAAAAAA	35501	GTATTTATT	ATTITICACAT	GGAGTCTTGC	TCTGTGGCCC	AGGCTGGAGT
35651 TIGATTITIGE TATACCISTIC CAMATACIAG ISTANGISTE AMAITISTIT 35701 ATCATTITIC TAACCITICA CAMATACIAG ISTANGISTIST ATTAGGAGT 35701 ATCATTITIC TAACCITIATA TACCAGAATA AAATTIGAAA ACAGTATIGCT 35751 GGAATTITIG CAAGAGAATT TICIATIGAG GCAGGGIGGT ATAGGTITIGAG 35801 ATAGGTITIGA GAGATIGACA AGACTICCTT TIAAAATCAG GCTIGATGAT 35851 TIACACCAGGT TICIATIGAC AGACTICCTT TIAAAATCAG GCTIGATGAT 35851 TITCCCTIGAC TICAGGCACAT ACTICAGCCC CAGTITITICA CACTIGATGAC 35851 TICCCCTIGAC GTAAGGGAGA ACAGGAAAAA AATGGAAGAA AAAGAAGGAT 36001 AGGAACAATT AGAAAAAGGA AAAGGAAAAA AATGGAAGAA AAAGAAGGAT 36001 AGGAACAATT AGAAAAAGGA AAAGGAAAAA AATGGAACAAT 36001 AGGAACAATT AGAAAAAAGGA AAAGGAAAAA AATGGAACAAT 36101 CIGIGIGAAT GACTIACACT TAIGTAGTTA GGGTITITCC ATGGTITICT 36151 TAGAACAGT GCTATAAAAC CACTIAATTI TIGGTIGGAA GTCACTICAGAC 36201 TITTICTCATT GGAACAGTT TATAATTICT GACTACAGAC AGACTAATAG 36301 ATAAGCATTT GAACAAGATT AGACTAGATG GACTIACAAAC 36331 TAAGGATTTA GAACAAGTT TATAATTICT GACTAAAGAC 36331 TAAGCATTT GAACAAGTT TATAATTICT GACTAAAGAC 36331 TAAGCATTT GAACAAGTT TAACACTTATAGACA CACTAAAACAA 36331 TAAGCATTT AGACTAAGTAG GACTIACAAC 36331 ATAAGCATTT TAACACTAGT CACAGTTTACAACACAG CAGCATTCCT GTTTACTATAG 36401 ATGGTGCACT TAACACCAG TTATATAGACAG CAGCATTCCT GTTTACTATAG 36501 TACACTCACA GTTAACACCAG TTATTATAGACATATT CACCTATAGAC 36551 TACCCTCCAG GTTACACCAG TTATTATAGACTATT CACCTATAGA 36551 TACACTCATA TAACACCAG TTATTATAGAGA ATAATTTTAGAGA TATATTTAGAGATTAGACAGAT TATTATTAGAGATTAGATT	35551	GCAGTGGCGT	GATCTCGGCT	CACTGCAAGC	TCCGCCTATG	AGGAGTAGTT
35651. TIGITITIGIG TATACTICIC CAAATACTAG TIGIATISTIST ATTATGTAGS 35701. ATCATTITICT TAACCTTATAT TACCAGAATA AAATITIGAAA CAGATATICT 35751. GGAATTITIG CAAGAGAATT TICTAATGAG GCAGGSTIGST ATAGTIGTAGA 35851. TITAGACAGGT TICTATIGCCIT ATCTGAGCCT CAGTITICITC CATTIGITAGA 35801. TITAGACAGGT TICTATIGCCIT ATCTGAGCCT TAGTITICITC CATTIGITAGA 35901. TITAGACAGGT TICTATIGCCIT ATCTGAGCCT TAGTITICITC CATTIGITAGA 35901. TITAGACAGGT TICTATIGCCIT ATCTGAGCCT TAGTITICITC CATTIGITAGA 35901. TITAGACAGGT TIGAGGAGAA CAAGAAAAA AATGGAAGAA AAAGAAGAGAT 36001. AAGACACATT AAGAAAAGGA ACAGAAAAA AATGGAAGAA AAAGAAGAGAT 36001. AAGACACATT AAGACACTC GGCTATTTC AGTCATTATG CATTIGITAGA 36001. AAGACACATT AAGACACTC GGCTATTTC AGTCATTATC TICTTTIGIAT 36101. CITGIGTGAAT GCATTAAAACC. AGACTAAATG TIGGTTITCC TICTTTIGIAT 36101. TITCITCATT GGAACAGTT TATAATTTCT GACTAAAGAC AGAGTAAATT 36251. ACCAGTTIGA TITAGTAGTAG GACTTACACAG 36201. TITTICITCATT GAAGTAGTAG GACTAACAGT AGACTAACAG TIGGACACTGCA 36201. ATAAGGCATTC CACCTTATAG GACTAACAG. ACCTGAAACAA TITAGGAACAGT 36351. TAAGGTGATC CACCTTATAG AACTTACAGA CCTGGAACAA TITGGGAACATTG 36351. TAAGGTGATC CACCTTATGG AACTTACAGA CCTGGAACAA TITGGGAATTTG 36451. AACTACTCCC CACCTTATG AAACTTACAGA CCTGGAACAA TITGGGAATTTG 36451. AACTACTCCC TITAGCACTAG GAAAAACATT CATTCTGCAT GGTACATTTG 36451. AACTACTCCC TITAGCACAG TITATCAGGA ATAATTTGAG 36501. TCCACCTCAG GTTACAACAG TAATAAAACAG CACACTTCCT TITTACTATG 36501. TCCACCTCAG GTTACAACAG TAATAAAACAG CACACTTCT GTTTTACTATG 36501. TCCACCTCAG GTTACAACAG TAATAAAACAG CACAGTTTGGGTTTGCAT 36601. GTTTTTITTAA AAGAGTCATGG TAATATTATAGGA ATAATTTGAG CAATATTTAG 36751. TCACCTTGAA TAAACTGCCTA CACAAGTTTG AACTCACATC TITTTTTTGA 36751. TCACCTTCAG TAAAAGGAATA ATAATTGAGA TAATATTTGAG CAATATTTAG 36751. TCACCTTCAG AAAACTCATC TAATATTATA GTGCTCAAATA ATAATTGAG CAATATTTAA 36701. GTTTTTTTTAA AAGAGTCATG TAATATTATA GTGCTCAAATA ATAATTGAG CAATATTTAA 36701. TTCCTCCTC TAAAACAGAATA TAATATTTAAAATTAAATT	35601	TTTAAAAAGA	TTAGTGTTCT	AATTACAGAA	TCCAGTAGGG	AAAATATGTT
35751. GGANTITTIG CAAGAGANT TITCIANTIGAT GCAGGGIGGT ATAGTIGTAGA 35801. ATAGGITTIGA AGAGTIGGAC AGACTICCIT TITANANICAG GCTIGIGATC 35801. TTAGAGAGGT TIGAGGTAGAT ATATITTIGAT TIGAGCACA 35901. TTGAGGAGAT TIGAGGTAGAT ATATITTIGA TIGACACAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	35651	TGGTTTGTG	<b>TATACTGTCC</b>	CAAATACTAG	TGTATGTTGT	ATTATGTAGT
35801. ATAGGTTTIGA AGAGTTIGAC. AGACTTIGCTT THAAAATCAG GCTTIGTICATC 35951. TTIGACAGGT TICTATGCCTT ATCTGAGCCT CAGTTTICTC CATTTIGTAAA 35951. TTIGACAGGT TIGAGTGAGT GCAGTAGAT ATCTGAGCCT CAGTTTICTC CATTTIGTACA 35951. TTICCCTGGAC GTAAGGGAGA ACAGGAAAAAA AATGGAAGAA AAAGAAGGAT 36001. AGACACAGTT AGAAAAAGGA AAAGGAGAAA AAAGGAGTAGGAGAA AAAGAAGCACT 36051. AAGCCTCTIC AGGCCTCATC GGCTATTTC AGTGCTCTC TCTTTIGTAT 361001. CTIGTGTGAAT GCATTAAACT TATGTAGTTA GGGTTTTCCC ATTGGTTTCA 361051. TAGAAACAGT GCTATAAACC AGACTAATTG TIGGTTGGAA GTGCACTGCA 36201. TTTTCTCATT GGAACAGTT TATAATTTTCT GACTAAAGAC AGAGTAAAT 36201. ATAAGCATTT GAACAGTT TATAATTTCT GACTAAACAA CAGAGTAATT 36351. TAAGTGTATC CAACTTATGG GACCTTAGAAA CCTGAAACAA TTGGGAAACT 36351. TAAGTGTATC CAACTTATGG GACATAGTTC CAAGTGCTAT AGAATAGGCA 36401. ATTGGTGCATT GAGCCATAGG GAAAAACATT CATTCTGCAT GGTACATTTGG 36401. ATGTGTGCAT TAGGCCATAGG GAAAAACATT CATTCTGCAT GGTACATTTGG 36401. ATGTGTGCAT TAGGCCATAGG GAAAAACATT CATTCTGCAT GGTACATTTGG 36501. TCCACCTCA GTTACACCAG TITTTAAAACAA CTGCACTTCCAGT GGTACATTTGG 36601. TGTGTTGTT GTGTTAAACC AGACTTTGAAATTTGGAC TTGCACATTCA 36501. TCTTTGAAA TAACTGCCTA CACAAGTTTG AACTCTCCACT GTTTTTTTTTGTAGG 36601. TGTTGTTGTT GTTGTTAAAC ATGATATTGAAA ATAACTTCACAT TGTTTTTTTTTT	35701	<b>ATCATTTTCT</b>	TAACTTTATA	TAGCAGAATA	AAATTTGAAA	ACAGTATGCT
35851 TTÁGACAGGT TICTATGCCTT ATCTGAGCT CAGTTTICTC CATTIGTAAA 35991 TITGAGGAGAT TIGAGTAGAT GATATITTAG TIGTATATIG CATTAGAGAAA 35991 TITCCCTIGAC GTAAGGGACA ACAGAAAAA AATGGAAGAA AAAGAAGAT 36001 AGGAAGAATT AGAAAAAGGA AAGGAGAAAA AATGGAAGAA AAAGCCCTT 36051 AAGCCCTTTA AGGACTACACT TATGTAGTTA GGGTTTTTC ATTTTTTAG TITGTTGTTGAT 36001 CITGTGTGAAT GACTATAAACC GACTAATGT TIGGTTTTC ATGGTTTGAAT 36201 TITTCCTGAT GACTATTAAACC AGACTAATGT TIGGTTGAAA GACAGAAAAT 36201 TITTCCTGATT GAGACAGTTT TATAATTTCT GACTAAAACA AGAGTAAATGT 36201 TITTCCTGATT GAGACAGTTT TATAATTTCT GACTAAAACA AGAGTAAATGT 36301 ATAACCATTT GAGACAGTTT TATAATTTCT GACTAAAACA AGAGTAAACA 36301 TAAGCATTT GAGACAGTTT TATAACTTCT CAGTGTGTTAA 36401 ATGTGTGCAT CACCTTATGG AACATAACAG CAGCATTCCT GTTTACTATG 36401 ATGTGTGCAT TGAGCATAGG GAAAAACATT CATTCTCCAT GTTACTATG 36501 TCCACCTCAG GTTACACCAG TATATAAGAAAAAAAAA TITGGACATTT GGTGTGTGCAT 36501 TCCACCTCAG GTTACACCAG TATATAAGAAAAAAAAA TITGGACATTT GGTGTTGCAT 36501 TCCACCTCAG GTTACACCAG TATATAAGAAAAAAAAAA	35751	GGAATTTTTG	CAAGAGAATT	TTCTAATGAG	GCAGGGTGGT	ATAGTGTAGA
35901 TITGAGGAGAT TIGAGTAGAT GATATTITIAG TIGTCATATIG CATTATIGACA 35951 TITCCCTIGAC GTAAGGGAGA ACAGGAAAAA AATGGAAGAA AAAGAAGAAT 36001 AGGAAGAATT AGAAAAAGGA AAGGGAGAAAA AATGGAAGAA AAAGAGCAT 36051 AAGCCTCTIC AGGCCTCATC GGCTATTITC AGTGCTCTTC TCTTTTGTAT 36101 CITGITGHAAT GACTTACACT TATGTAGTTA GGGTTTTCC ATGGTTTCT 36151 TAGAACAGT GCTATAAAGC AGACTAATGT TIGGTTGGAA GTGCACTGCA 36201 TITTCTCATT GGAACAGTTT TATAATTTCT GACTGAAACAA TIGGAGAACA 36201 TATACCAGTTTG GAACAGTTT TATAATTTCT GACTGAAACAA TIGGAGAACT 36251 ACCAGTTTGA TTAGAGTGTG GACTTAGAAA GCAGAACAGTT 36301 ATAAGCATTT GAAGTGATGG GACTATGTT CAAGTGCTAT AGAATAGGCA 36351 TAAGTGTATC CCACTTATCA ACATTAGAAA GCTGAAACAA TITGGAAACT 36351 TAGGTGTATC CCACTTATCA GACATACAG CAGCATTCCT GTTTACTATG 36401 ATGTGTGCAT TGAGCATAGG GAAAAACATT CATTCTGCAT GGTGAGACAT 36501 TCCACCTCAG GTTACAGCAG TTATTAGGGA ATAATTTGAG TTGCTCCAG 36551 TCCCTTTGAAA TAACTGCCTA CACAGTTTG AACATTAGGGA ATAATTTGAG 36501 TCCTTTGAAA TAACTGCCTA CACAGTTTG GACCATCA TTGACCAGA TTATTAGGGA ATAATTTGAGGA ATAATTTGAG 36651 GTCACAATCA TAACTGCTA CACAGTTTG CACCAGAATT TCCTCCAG 36651 TCCCTTTGAAA TAACTGCCTA CACAGTTTG ACATTACAGG GGTGCAACCA 36601 GTTTTTTTAA AGAGTCAGT CTTAGGAATTA CCCAGAAAGT TAGAATAATT 36701 GTTTTTTTAA AGAGTCAGT CTTAGGAATTA CCCAGAAAGT TAGAATAATT 36701 GTTTTTTTAA ACACCTGG TCTAGAATTA CCCAGAAATT ATAATTTGAG 36801 ATAATTTGAG AAATATGTGT GAACACTTAA GGTATTTGAT TAGATTAATAT 36801 ATAATTTGAG AAATATGTGT GAACACTTAA GGTATTTTATTATATATAGGAA TTATTATTATAG GAACTTCTC 37001 TCCTGCCTTT ATAATAGGAAT GTGCTCAATA AGTATTTGAT TAGATTAATAT 37001 TCCTGCCTTT ATAATATTATAG GTGCTCAATA AGTATTTTGAT TAGATTAATATTAA 37001 TCCTGCCTTT ATAATGTGG AATACTCTT TTTTTTTCAGGAGTTATATTTTTTTTTT	35801	ATAGGTTTTG	AGAGTTGGAC	AGACTIGCIT	TTAAAATCAG	GCTTGTGATC
35951 TICCTTIGGAC GTAAGGGAGA ACAGAAAAA AATGGAAGAA AAAGGATA 36001 AGGAAGAATT AGAAAAAGGA AAGGGAGAAA GAAGGTAAAG AAAAAGCCT 36101 CIGIGTGAAT AGACCTCATC GGCTATTCA AGGCTCATC 36101 TAGAAACAGT CACTTACACT TAIGTAGTTA AGGTCTCTC 36151 TAGAAACAGT CACTTACAACC AGACTAATGT TGGTTGGAAG GTGCACTGAC 36201 TITTCTCATT GGAACAGTTT TATAATTTCT GACTAAAGAC AGAGTAAATT 36251 ACCAGTITGA TTAGTAGTGT GACTTAGAAAC AGACTAACAGA GTGCACTGAC 36301 ATAAGCATTT GAAGTAGGAG GACTATGTT CAAGTGCTAT AGAATAGGCA 36301 ATAAGCATTT GAAGTAGGAG GACTATGTTC CAAGTGCTAT AGAATAGGCA 36451 AAACTACTCCT TTAGCATTAGA GACATAACAG CAGCATTCCT GTTTACTATG 36451 AAACTACTCCT TTAGCATTAGA GACATAACAG CAGCATTCCT GTTTACTATG 36451 AAACTACTCCT TTAGCATTAGA GAAAAACAAT CATTCCACT GTTTACTATG 36501 TCCACCTCAG GTTACAGCAG TTATTAGGGA ATAATTTGCAT GGTGTTGCAT 36501 TCCACCTCAG GTTACAGCAG TTATTAGGGA ATAATTTGCAT GGTGTTGCAT 36501 GTCACAATCA TTACACTGCT CACAGTTTTG AACTCCACT TGTTTTTTTAA 36601 GTTGTTGTT GTTTAAACTGCCTA CACAGTTTTG AACTCCACTC TGTTTTTTTTAA 36601 GTTGTTGTT TAAACTGCCTA CACAGTTTTG AACTCCACTC TGTTTTTTTTAA 36601 GTCACAATCA TTACACTGGT TAATATTCTTA ATAATTTGCAG CAGATATTAA 36601 GTCACAATCA TTACACTGGT TAATATTCTTA ATAATTTGCAG CAGATATTAA 36601 TTGTTTTTTAA AGAGTCATGG TAATATCTTA ATAATTTTGAG GCAATATTAA 36601 TTGTTTTTTAA AGACACCTTGG TAATATTCTTA ATAATTTTGAG GCAATATTAA 36601 TTGTTTTTTAA AGACACCTTGG GAATCCTCTC TTTTTTTTCACCTCTAT 36601 TTGTTTTTTAA ACACACCTTGG GAATCCTCC TTTTTTTTTAA TTTACACTGT TAATAGTACTA ATAATTTTTTAA TTTACACTGT TAATATTCTTA ATAATTTTTCACT TAATATTTTATGG GCACATTATAATTTTTAATTTTTTTTTAATTTTTAGGT GAATTTTTAA ATAATTTTTCACATTTTTTTTTT	3282T	TTAGACAGGI	TECACETACAT	CATATTITAC	CAGITICIC	CATTATCACA
36001. AGGACACATT AGGACCTCATC GGCTATTIC AGTGCTCTC TCTTTTGTAT 36101. CTGTGTGAAT GACTTACACT TATGTAGTTA 36101. CTGTGTGAAT GACTTACACT GGCTATTTC GGGTTATTTC 36151. TAGAAACAGT GCTATAAAGC GCTATAAAGC GCATTAGTT 36201. TTTTCTCATT GGAACAGTT TAGAACTTT GGAACATTT GGAACATTT GGAACATTT TAGAACACT GGACAGTTT TAGTAGTTC GGACAGTTT TAGTAGTTC GGACAGTTT TAGTAGTTG GACTTAGAAA GCTGAAACAA TTGGGAAACT GGACAGTTT GGACAGTTT GGACAGTTT GAAGTAGTTG GACTTAGGAA GCTGAAACAA TTGGGAAACT TAGGGAACT TAGGTATTG GACTTAGGAA GCTGAAACAA TTGGGAAACT TAGGTATTG GACTTAGGAA GCTGAAACAA TTGGGAAACT TAGGTATTG GACATTCT GACATTCG GACAATTCG GACAACTTC GTTTACTATTG GACAGTTCG GTTACATTCG GACAACTTC GTTACTATTG GACAGTTCG GTTACACTCAG GTTACAGCAG TTATTAGGAA TAGTCATCT GTTACACTTC GTTACACTTC GTTACACTCAG GTTACAGCAG TTATTAGGAA TAGCCATCTT GACAGTTCG GTTACACTCAG GTTACACACCAG TTATTAGGAA TACTCCCTC GTTACACTCAG GTTACACACCAG TTATTAGGAA TACTCCCAC GTTACACACCAG TTATTAGGAA TACTCCCAC GTTACACACCAG TTATTAGGAA TACCCTCTA GACACTCAG TAGACTTCAG ACCCCTTCAG ACCCCTCTAG TAGACTTCAG TAGACTCAG TAGACTCAG TAGACTCAG TAGACTCAG TAGACTCAG TAGACTCAG TAGACTCAG TAGACCACCAG TTTTTTCAGAC TAGACTCAG TAGACTCAG TAGACCACCAG TTTTTTCAGAC TAGACCACCAG TTTTTTCAGAC TAGACCACCAC TTTTTCTCCCCC TTGGCCCCTCAG TAGACCACCAC TTTTCCCCCCCAG TAGACCACCAC TTTTCCCCCCCAG TAGACCACCAC TTTTCCCCCCCCACCAC TTTTCCCCCCCCACCAC TTTTTTCCCCC CACCACCACCAC TTTCCACCCCCAC TTTTTCCCCCC CACCACCACCAC TTTCCACCCCCC TTGGCCCCCCCCCC	3230T	TTCCCTCAC	CTAACCCACA	ACAACAAAAA	AATTCCAACAA	AAAGAAGGAT
36051. AAGCCTICTIC AGGCCTCATIC GGCTATTTTIC AGTISCTICTIC TCTITTIGAT 36101. CTIGTGTGAAT GACTTACACT TATGTAGTTA GGGTTTTCCA ATGGTGTTCT 36151. TAGAAACACT GCTATAAAGC AGACTAATGT TIGGTGTGAA GTGCACTGCA 36201. TTTTCTCATT GGAACAGTTT TATAATTTCT GACTGAACAA ATGGGTGTCAC 36201. ATCACGTTTCA TTAGTGAGTG GACTGAGACAA TTGGGAACAA 36301. ATCACGTTT GAAGTAGTG GACTTAGAAA GCTGAAACAA TTGGGAAACAT 36301. ATCACCTCTC TAGACTAGGA GACATAGCAG CAGCATTCCT GTTTACTATG 36401. ATGGGTGACT TGAGCATAGG GAAAACATT CATTCTCCAT GGTAGATTTG 36451. AACTACTCTC TTAGCTTTAA ATCACAGAG CAGCATTCCT GTTTACTATG 36551. TCCACCTCAG GTTACAGCAG TTATTAGGGA ATCATTCT GGTGGTTTG 36551. TCCATCCTCAG GTTACAGCAG TTATTAGGGA ATCATTCTGCAT GGTAGATTTG 36501. TCCATCCTCAG GTTACAGCAG TTATTAGGGA ATCATTCTCAT TGGTGTTTCTG 365601. GTTTGTTGTT GTTGTTAAAC ATCACAGTTT CACCAGAGTTTG 36601. GTTTGTTGTT GTTGTTAAAC ATCACAGTTT CACCAGAAGT TAGAAATATTG 36601. GTTTGTTTGTT GTTGTTAAAC ATCACAGTTT CACCAGAAGT TAGAAATATTG 36601. GTTTGTTTGAAA AGAGTCATGG TAATATTATA CCCAGAAAGT TAGAAATAATTG 36701. GTTTTTTGAA AGAGTCATGG TAATATTCTTA ATATTTGGAG GCAATATTAA 36751. TGCCTTCAGAAA TCTCTCGCTTT ATAAAGCAATA GTGTTTATTAA AGAGTCATGG GAACCTTAGA AGACTTCAGAAG 36851. ACACCCCTTGA TAAAAGGAATA GTGTTTATTAA ATATTTGAGG GCAATATTAA 36751. TGCCTTCAGAAA TCTCTGCTTT GAAACTCTAGA AGACCTTAGA AGACTTCAGAAG 36891. ATTATTATAG GGACAGTGAG GCTGCTATAA AGACTTAGT TAGACTAGAC	36W1	ACCAACAATT	ACAAAAAGGA	AAGGGAGAAA	GAAGGTAAAG	AAAAAGCCCT
36101. CIGIGIGAAT GACTIACACT TAIGIAGITA GGGTITICCA 36151. TAGAAACAGT GCTATAAAGC AGACTAATGT TGGTIGTGAA GTGCACTICA 36201. TITTICTCATT GGAACAGTIT TATAATTICT GACTAAAGAC AGAGTAAATT 36251. ACCAGTITGA THAGTAGTGT GACTTAAAGCA CAGAGTAAATT 36251. ACCAGTITGA THAGTAGTGT GACTTAAAGAC AGAGTAAATT 36301. ATAAGCATTT GAAGTAGTAG GACTATGTTC CAAGTGCTAT AGAATAGGCA 36351. TAAGTGTATC CCACTTATGG AACATAACAG CAGCATTCCT GTTTACTATG 36401. ATGIGTGCAT TGAGCATAGG GAAAAACAT CATTCTGCAT GGTAGATTTG 36451. AACTACTCTC THAGCTTTAA ATAAAAAGAA TTGGACATTT GGTGTTGCAT 36451. AACTACTCTC TTAGCTTTAA ATAAAAAGAA TTGGACATTT GGTGTTGCAT 36501. TCCTCCAGG GTTACAGCAG TTATTAGAGAT TGGACATTT GGTGTTGCAT 36601. TGTTTGTTTAA TAACTGCTA CACAGTTTT AGACTATGG TTGCACATCA 36601. TGTTTTTTAA ACAGCAGT TATATATAGAG 36551. TCCTTGGAA TAACTGCTA CACAGTTTT CCTTGGGCA GGTGCAACGA 36651. GTCACAATCA TTACACTGAT CTTACAATTA ACCACAGT TAATATCTTA ATATTTTGGAA 36751. TGACTTCTGG TATATTATAG GTGCTCAATA AGAATTTGAT TAAGTATATA 36701. GTTTTTTTAA ACAGCAGTA TAATATCTTA ATATTTGGAAG GCAATATTAA 36751. TGACTTCTGG TATATTATAG GTGCTCAATA AGAATTTTGAT TAAGTTGAGA 36801. ATAATTTGGA AACACCTTGG GAATCACTA AGTATTTTCAT TAAGTTGAGA 36801. ATAATTTGGA AACACCTTGG GAATCACTCT 37001. TCCTGCCTTT ATAAGTAGCA ATGGCTCATA AGAACTAATT ATTACCCCTAT 37001. TCCTGCCTTT ATAAGTAGCA ATGGCAGATA TATATTTCACCTTT 37001. TCCTGCCTTT ATAAGTAGCA ATGGCAGATA TATATTTCACTCTT 37001. TCCTGCCTTT ATAAGTAGCA ATGGCAGATA TATATTTCCA CCCGAGAGTATTT ATATTGTTCT GTGTAATCTT 37001. TTTGCCTTCC CACAGCAGT TTTCCAACACT TTTTCCAACCT TTTTTTCCACTCTT ATAAGTACA ATGGCAATT ATTATTTCAACCTTTT ATATTTTCCA CCCGAGTTTTAA ATTAACTGGTT TTAAGTTCTT 37001. ACCAGTTTGT GGACATGGG CCTCTCTCAAGAAT TTTAATTTCT AACTGCATT TTAAGTTCTT 37001. ACCAGTTTGT CACAGCATTTTC AGGGGGTTTTTAAATTTCT AACCAGCTTTC AGGAGGTTTTAAATTTCT AACCAGCTTTC CACAGTTTTC AGGAGGTTTTT ATATTTCTTTTAATTTAA	36051	AAGCCTICTIC	AGGCCTCATC	GGCTATTTTC	AGTIGCTICTTC	TCTTTIGIAT
36151 TAGAAACAGT GCTATAAAGC AGACTAATIGT TIGSTITGIGAA GTIGCACTIGCA 36201 ATTITCICATT GGAACAGTIT TATAATITICT GACTAAAGAC AGAGTAAATI 36251 ACCAGTITIGA TIAGTAGTIGT GACTIAGAAA GCTGAAACAA TITGGAAACT 36301 ATAAGCATTT GAAGTAGTIGG GACTIAGAAA GCTGAAACAA TITGGAAACT 36301 ATAAGCATTT GAAGTATGG GACATACGC CAGCATTCCT GTTTACTATG 36401 ATGIGTIGCAT TGAGCCATAGG GACAAACAT CATTCITCAT GTTTACATTG 36401 ATGIGTIGCAT TGAGCCATAGG GAAAAACATT CATTCITCAT GTTTACATTG 36451 AACTACTICIC TTAGCCTTTAA ATAAAAGGAA TTGGACATTT GGTGTTGCAT 36501 TCCACCTCAG TTACAGCAG TTATTAGGGA ATTATTTGAT 36501 TCCACCTCAG TTACAGCAG TTATTAGGGA ATTATTTGAG 36501 TGCTTTGAAA TAACTGGCTA CACAAGTTTG AACTCACATC TGTTTTTTGT 36601 TGTTGTTGTT GTTGTAAAC ATGATAAGTT CCCCAGAAAGT TAGAATAATT 36701 GTTTTTTTAA AGAGTCATGG TAATATCTTA ATATTTGGGA GCAATAATTA 36751 TGACTTCTGG TATATTATAGG GTGCTCAATA ATATTTTGAG GCAATAATTA 36751 TGACCTTCTGG TATATTATAGG GTGCTCAATA AGTATTTTGAG GCAATAATTA 36851 ACACCCTTGA TAAGACAATAG TAATATCTTAG AGACTATTTA ATTATCAGAGA 36801 ATAATTTGAG AAATATGTGT GAAATCTAGG AGACATAATT ATTACCCCTAT 36901 TTTGTTTGTA AACACCCTTGG GAATCATCC TTTTTTTCCA CTCTTTGTTG 36951 CCTTCAGAAA TCTCTGCTTT GCGCTGAGGA AAGAACTCTG AAGTGATATCT 37001 TCCTGCCTTT ATAAATACACA ATGACCAATGT ATATATCTTC GTGTTATCTT 37011 TTCCCCTCC CACTGACAGA TTTCCAGCAA TATATATTTTCC GTGTTATCTT 37151 AACTACATTT GTTTAAAACA AGTGCTTTAA ATAACTGGTT TTAAGTCCATT 37151 AACTACATTT GTTTAAAACA AGTGCTTTAA ATAACTGGTT TTAAGTCCATT 37201 ACCAGTTGTG CTATGTTTAA ATGGCAATC TGTGAAACAT TATATGTTCT GTGTTATCTT 37201 ACCAGTTGTG CTATGTTTAA ATGGCAATC TGGGAATTG CACTGCATAA 37251 TATGGGTGT TAAGGCAATC TGGGAATTG GGGAATTG CACTGGCATA 37251 TATGGGTGT TAAGGCAATC TGGGAATTG GGGAATTG CACTGGCATA 37251 TATGGGTGT TAAGGCAATC TGGGGATTG GGGAATTG CACTTGGTTTAA 37451 AACTCACTTTG AGAGCAAGT TTGCCAGAAT CACTTAGTGC 37501 CACTCATATT TAAGGCAATC TGGGGATTCA GAGGTACTC CAGGAATCC CAGGAATCC CAGGAATCT AGAGTATTT CCTGGGGTATT CAGGAATCC CAGTGAAACA TTTCCTTTTA 3751 TAATGGTGT TAAGGCAATC TGACTTTAACCT CATGGCAACA 37501 GTTTCTGATT TAAGGCAATC GACACTGC GGCGAATCC CACTGGCAAA 37501 GATCACATTG TAAGGCAATC TAATGCTGG GCCCAGAT	36101	CIGIGIGAAT	GACTTACACT	<b>TATGTAGTTA</b>	GGGTTTTCCCC	ATGGTGTTCT
36251 ACCAGTITICA TIAGTAGTIGT GACTTAGAAAA GCTGAAACAA TITGGGAAACT 36301 ATRAGCATTT GAAGTAGTAG GACTATGTTC CAAGTGCTAT AGAATAGGCA 36351 TAAGTGTACT TGAGCATAGG GACATAGCAG CAGCATTCCT GTTTACTATG 36401 ATGTGTGCAT TGAGCATAGG GAAAAACATT CATTCTGCAT GGTAGATTTG 36401 ATGTGTGCAT TGAGCATAGG GAAAAACATT CATTCTGCAT GGTAGATTTG 36501 TCCACCTCAG GTTACAGCAG TTATTAGGGA ATAATTTGAG TTTGCTCTCAG 36551 TCCCTTTGAAA TAAACAGCAG TTATTAGGGA ATAATTTGAG TTTGCTCTCAG 36651 TGTTGTTGTT GTTGTAAAC ATGATAAGTT TCCTTGGGCA GGTGCAAGCA 36651 GTCACAATCA TTACACCTGAT CTAGAATTA CCCAGAAAGT TAGAATAATT 36701 GTTTTTTTAA AGAGTCATGG TAATATTCTTA ATATTTTGAG GACATATAA 36751 TGACTTCTGG TATATTATAG GTGCTCAATA AGTATTTGAT TAGTTGAAGA 36801 ATAATTTGAG AAATATGTGT GAAACCATTA AGAATCTAGA GAAACCCCTTGA TAAAACACCTTGG GAAACCATTA AGAATCTAGA GAAATCTTGAG AAATATTGTGT GAGCTTAGT 36801 ACCACCCTTGA TAAAAGAATA GTGTTTATTATA ATTTTTAGAGT TGAGCTTAGT 36951 CCCTCAGAAA TCCTCGCTTT GAGCACAGA AAGAACTCTG GAACCATATTA 36951 CCCTCCAGAAA TCCTCTGCTTT GCCGCAGAA AAGAACTCTG GAGCTTAGT 37001 TCCTGCCTTT ATAAGACAA ATGAGCCAGT TTTTTTTTCCA CTCTTTTTTTTTT	36151	TAGAAACAGT	<b>GCTATAAAGC</b>	<b>AGACTAATGT</b>	TGGTTGTGAA	GTGCACTGCA
36301. ATAAGCATTT GAAGTAGTAG GACCTATGTC CAAGTGCTAT AGAATAGSCA 36351. TAAGTGTATC CCACTTATCG AACATAACAG CAGCATTCCT GTTTACTATG 36401. ATGTGTGCAT TGAGCATAGG GAAAAACAT CATTCTGCAT GGTTAGATTTG 36451. AACTACTCTC TTAGCCTTAA ATAAAAGAA TTGGACATTT GGTGTTGCAT 36501. TCCACCTCAG GTTACAGCAG TTATTAGGGA ATAATTTGAG TTTGCTCTAG 36501. TCCACCTCAG GTTACAGCAG TTATTAGGGA ATAATTTGAG TTTGCTCTCAG 36501. TGCTGTGTTGTT GTTGTTAAAC ATGATAAGTT TCCTTGGGCA GGTGCAAGCA 36601. IGTTGTTGTT GTTGTTAAAC ATGATAAGTT TCCTTGGGCA GGTGCAAGCA 36601. GTTGTTTTTAA AGAGTCATGG TAATATTATAG GTGCTCAATTA ATATTTTGAG GCAATAATT 36701. GTTTTTTTAA AGAGTCATGG TAATATCTTA ATATTTTGAG GCAATAATT 36701. TGTGCCTTGAGAATA GGAATCATGG GAATCATCAG ATAATTTAGAGGAGAA 36801. ATAATTTGAG AAATATTGTGT GAATTCATTA AGTATTTTGAT TAGACTTAGT 36901. TTTGTCTTGAAAA TAAAGGAATA GGAATCATCTC TTTTTTTCCAGACA 36901. TTTGTCTTGAAAAATTAAACAAATAATTAATTAGTTTCAGAAAATTAATT	36201	TTTTCTCATT	GGAACAGTTT	TATAATTTCT	GACTAAAGAC	AGAGTAAATT
36351 TAAGTISTATIC CCACITTATIS AACATAACAG CASCATTICT GITTACTATIS 36401 ATGISTICAT TIAGCATTAGG GAAAAACATT CATTICTSCAT GGTAGATTIG 36501 TCCACCTCAG GITACAGCAG THATTAGGA ATAAAAGAA TITGGACATTT GGTGGTTGCAT 36501 TCCACCTCAG GITACAGCAG THATTAGGA ATAAATTGAG TIGCTCTCAG 36501 TCCTTTGAAA TAACTGCCTA CACAAGTTTG AACTTACTAC TIGTTTTTTGT 36601 TGTISTIGTT GITGTAAAC ATGATAGTT TCCTTGGGCA GGTGCAAGCA 36651 GTCACAATCA TTACACTGAT CTTAGAATTA CCCAGAAAGT TAGAATAATT 36701 GITTTTTTAA AGAGTCATGAT CTTAGAATTA CCCAGAAAGT TAGAATAATT 36701 GTTTTTTTAA AGAGTCATGA TAAAATTCTTA ATATTTGAG GCCAATTATTAA 36801 ATAATTTGAG AAAATATGTG GAAATCTAGG AGACATAATTA 36801 ATAATTTGAG AAAATATGTG GAAATCTAGG AGACATAATTA 36801 ATAATTTGAG AAAAATATGTG GAAATCTAGG AGACATAATTA 36801 ATAATTTGAG AAACACCTTGG GAATCATCTC TTTTTTTCCA CTCTTTGGTG 36951 CCTTCAGAAA TCTCTGCTTT GCGCTGAGGA AAGAACTCTG GAGTCATCT 37001 TCCTGCCTTT ATAAGGAACA ATGACCAGT TATATTGTTCT GTGTAAATCT 37001 TCCTGCCTTT ATAAGGACCA ATGAGCAAGT TATATGTTCT GTGTAATCTT 37011 TTTTGCCTTCC CACTGACAGA TTTCCAAGCT TTTGGCTCTGAT TAAGGCCTTT 37101 ACCAGTTGGT TAAAAGCACAGA TTTCCAAGCT TTTGGCTCTGAT TAAGGCCTTT 37201 ACCAGTTGGT TAAGGCACGA TTTCCAAGCT TTTGGCTCTGAT TAAGGCCTTT 37301 ACTCCATCTC CAGATGTATT TCTGCCCAGTTT TAAGCACAGTT TTCACTGCTTT TTTATATTTTC ATTGCCACAGTT TTTGCACAGATT TTTCATTGTTC 37301 ACTCCATCTC CAGATGTATT TCTGCCCAGTTT TAAGCACAGTT TTCACCAGATT TTTATATTTTC ATTGCCAAGATT TAAGCACAGT TTTCACAGACT TTTATTTTCACAGACT TTTACCACAGATT TAAGCACAGT TTTCACAGACT TTTCACCAGATT TTTCATTCAGACAGAT TTTCATTCAGACAGAT TAAGCACAGA TTTCACCAGATT TAAGCACAGAT TTTCATTCAGACAGAT TAAGCACAGA TTTCACAGACT TAAGCACAGAT TAAGCACAGA TTTCACAGACT TAAGCACAGA T	36251	ACCAGTTTGA	TTAGTAGTGT	GACTTAGAAA	GCTGAAACAA	TTGGGAAACT
36401 AIGIGTGCAT TGAGCATAGG GAAAAACATT CATTCTGCAT GGTAGATTTG 36451 AACTACTCIC TTAGCTTTAA ATAAAAAGAA TTIGGACATTT GGTGTTGTGCAG 36551 TCCACCTCAG GTTACAGCAG TTATTAGGGA ATAATTTGAG TTIGTCTCAG 36551 TCCTTTGAAA TAACTGCCTA CACAAGTTTG ACTCACATC TGTTTTTTGT 36601 TGTTGTTGTT GTTGTTAAAC ATGATAAGTT TCCTTGGGCA GGTGCAAGCA 36651 GTCACAATCA TTACACTGAT CTTAGAATTAGT TCCTTGGGCA GGTGCAAGCA 36651 GTCACAATCA TTACACTGAT CTTAGAATTAGT TCCTGGGGCA GGTGCAAGCA 36651 GTCACAATCA TTACACTGAT CTTAGAATTAGT TCCTGGGGCA GGTGCAAGCA 36651 GTCACAATCA TTACACTGAT CTTAGAATTAG CCCAGAAAGT TAGAATTAGT 36701 GTTTTTTTAA AGAGTCATGG TAATATCTTA ATATTTGGAG GCAATATTAA 36751 TGACTTCTGG TATATTATAG GTGCTCAATA AGTATTTGAG GCAATATTAA 36851 ACACCCTTGG TATATTATAG GTGCTCAATA AGTATTTGAAGT TAGCCTTAGG 36891 ATAATTTGAG AAATATGTGT GAATCATCAG AGACATCATT TAGCTGAGGA 36891 ACACCCTTGA TAAAGGAATA GTGTTTATA ATTTTAGAGT TGACCTTAGT 37001 TCCTGCCTTT ATAAGGACAA ATGACCAAGT TATATGTTCT GTGTAATCTT 37011 TTCCTGCCTTT ATAAGTAACA ATGACCAAGT TATATGTTCT GTGTAATCTT 37051 CAAAAATGTA GGACAGTGAG GCTGCTTTAA ATAACTGGTT TTAGTCCATT 37101 TTTGCCTTCC CACTGACAGA TTTCCAAGCT TTGGCTCTGA TACGGCCTTT 37111 ACCACTTGC CACTGACAGA TTTCCAAGCT TTGGCTCTGA TACGGCCTTT 37201 ACCACTTGTG CTATGTTTAA ATGACCAAGT TTTGCATCTGA TACCGCCTTT 37201 ACCACTTGTG CTATGTTTAA ATGACCAAGT TTGCACAGCT TTGCCTCTGA 37201 ACCCCATCC CACAGTGTATT TCCCCA GGGAATTCAG GTTGTTTCA CATGTTTTTA 37401 ATTCAGGACC AATCACTTAG AGCAAAGAGT CTGAAATGCC CACTGGCCATA 37551 CAGGCTCACC TGGCAAATTTACT TCCCCA GGGAATTCAG GTTTGTTTCA CATGTTTTTAA 37401 ATTCAGGACC AATCACTTAG AGCAAAGAGT CTTAAACATT ATTATATGAG 37551 CAGGCTCACC TGGGAAATTCAC CACAGTTTAG TCCTAAACACC CCTGACAAGA 37551 CAGGCTCACC TGGGAAATTCACC CAGTGGTTT CAGGACGTCTA 37601 TTGAGACATTT CAGTAGTTT TTGACCTTATA GGGCATTTAGT TCCTAAACCC CTTGACAAGAG 37551 CAGGCTCACC TGGGAAATCAC CACTTAGTTTAA 37601 TTGAGCACTTT TAGAGCTCTA CAGGCATTAGT TCCTAAACCC CTTGACAAGAG 37551 CACAGGTATTT CAGGCCAAGTTT TTGAGCCTGAA ACCTATGTAGAG 37551 CACAGTTTTC TAGAGCTCTA CACATTCACT CATGCCTACAGAACT TTACACATTCAAACATT TAACAATTCAAACATT TAACAATTCAAAAGAGAGAACACAGAGAGAACACACAGAGAGAACACT	36301	ATAAGCATTT	GAAGTAGTAG	GACIAIGITC	CAGGIGCIAI	AGAA IAGGCA
36451 AACTACTICIC TTAGCTITIAA ATAMAAGAA TIGGACATTI GGIGTITGAT 36501 TCCACCTCAG GTIACACCAG TTATTAGGAA ATAATTIGAG TIGCTCTCAG 36551 TCCTTIGAAA TAACIGCCTA CACAAGTTIG AACTCACATC TGITTITTIGI 36601 TGTTGTTGTT GTTGTTAAAC ATGATAAGTT TCCTTIGGGA GGIGCAAGCA 36651 GTCACAATCA TTACACTGAT CTTAGAATTA TCCTTIGGGA GCAATATTAA 36701 GTTTTTTAAA AGAGTCATGG TAATATCTTA ATATTIGGAG GCAATATTAA 36701 TGACTTCTGG TATATTATAG GTGCTCAATA AGTATTIGAT TAGTTGAAGA 36801 ATAATTTGAG AAATATGTGT GAAATCATGA AGGACTAATT ATTACCCTAT 36801 TITGTTGTA AAAGCACTTGG GAATCATCT TTTTTTACATT TTAGCCTAT 36901 TITGTTGTA AAACCCTTGG GAATCATCT TTTTTTATA ATTATTGAGT TGAGCTTATG 36901 TTTCTGCCTTT ATAAGGACAT GTGTTTATTA ATTATTGAGT TGAGCTTATG 37001 TCCTGCCTTT ATAAGTGACA ATGAGCAAGT ATTATTTCCA CTCTTTGTTG 37001 TCCTGCCTTT ATAAGTACACA ATGAGCAAGT ATTATTTCCA CTCTTTGTTG 37101 TTTGCCTTCC CACTGACAGA TTTCCAAGCT TTGGCTCTGA AAGTGGTTAT 37201 ACCAGTTGTG CTATGTTTAA ATGAGTGCT TTAGTCCATT 37201 ACCAGTTGTG CTATGTTTAA ATGAGTGCT TTAGTCCATT 37301 ACCAGTTGTG CTATGTTTAA ATGAGTGCT TGTAAATGGC CACTGGCATA 37301 ACTCCATCTC CAGATGTATT TCTGGGGTTTTCA ATGAGTGCC CACTGGCATA 37401 ATTCAGGACC AATCACTTAG AGCAAAGAGT TTGAAACATT ATTATTTCA 37401 ATTCAGGACC AATCACTTAG AGCAAAGAGT CTTAAACATT ATTATTTCA 37401 ATTCAGGACC AATCACTTAG AGCAAAGAGT CTTAAACATT ATTATTTCA 37551 CAGGCTGATG CAATGACTT GAGCCAAGAGT CTTAAACATT ATTATTTCA 37551 CAGGCTCACC TGGCAAACTA AGCAAAGAGT CTTAAACATT ATTATTTCAG 37551 CAGGCTCACC TGGCAAACTA AGCAAAGAGT CTTAAACATT ATTATTTCAGAGACCAAGACT TGCAAAACAGA GTTGTTTCAATTGCG CACTGGCATA 37551 TAGGTTATTCA CATTAGGTTG TGCTAATTGCG CACTGACAAGA 37551 TAGGTTATTCA CATTAGGTTG TGCTAATTGCG CACTGACAACAC 37501 TTTCAGACCTTC CAGAAACTA CACTTCACA GCTCAAACACA 37501 TTGAGCACTTT TAAGGCTGCT CAGAACTA CACTTATGCTG AGACCACACT 37601 TTGAGACCTTC CAGAAACTA CACATTCACT CATGCTCACA GCCAGACTT 37601 TTGAGACATTT TAAGGTTTA AGGGCTGCC CTGAGAATCA CACTTTGCTCAACCACT 37601 TTGAGACTTT CAGAGCTGC CAGACTTT TAAGCTGTC CATGCCCAAGACT TACCTGGAAACTA AGGACCACACT 37601 TTGAGACTTTC CAGGTGTT TTGACCTGC CTCAAGACAC ACCTATTGAG 377901 ATTCCTGTAG GTCCAGAAGGT AAGGAACTAC TAAGCTGGG TACCTT	36401	ATCTCTCCAT	TCACCATACE	CAAAAACATT	CATTOTICCAT	CCTACATITE
36501 TCCACCTICAG GITACASCAG TTATTAGGA ATAATTIGAG TIGCTICTCAG 36551 TCCTTIGAMA TAACTGCCTA CACAAGTTIG AACTCACATC TGTTTITTIGT 36601 TGTIGTIGIT GITGITAAAC ATGATAAGIT TCCTTGGGCA GGTGCAAGCA 36651 GICACAATCA TTACACTGAT CITAGAATTA CCCAGAAAGT TAGAATAATT 36701 GITTITTIAA AGAGTCATGG TAATATCTTA ATATTITGAG GCAATAATTA 36701 GITTITTIAA AGAGTCATGG TAATATCTTA ATATTITGAG GCAATAATTA 36751 TGACTTCTGG TATATTATAG GTCCAATA AGTATTIGAT TAGTTGAAGA 36851 ACACCCTTGA TAAAGGAATA GTGCTCAATA AGTATTIGAT TAGTTGAAGA 36851 ACACCCTTGA TAAAGGAATA GTGCTTATA ATTATGAGT TGACCTTAGT 36951 CCTTCAGAAA TCTCTGCTTT GGGCTGAGGA AGAACCTCTG GAACCTTAGT 37001 TCCTGCCTTT ATAAGTAGCA ATGAGCAAGT TATATGTTCA GTGGTAATCT 37001 TCCTGCCTTT ATAAGTAGCA ATGAGCAAGT TATATGTTCA GTGGTAATCT 37101 TTTGCCTTCC CACTGACAGA TTCCAAGCT TTTGCCTCTGA TACGGCTTTT 37101 TTTGCCTTCC CACTGACAGA TTCCAAGCT TTTGCCTCTGA TACGGCTTTT 37201 ACCAGTTGTG CTATGTTTAA ATGGAGTGCT TTGCTCTTGA TACGGCTTTT 37201 ACCAGTTGTG CTATGTTTAA ATGGAGTGCT TTGCATCTGA TACGGCATCT 37201 ACCCAGTTGTG CTATGTTTAA ATGGAGTGCT TTGTAAATCGC CACTGGCATA 37251 TATGGGTAGT TAAGGCATCT TGACCAGATT GTGAATTGGC CACTGGCATA 37251 TATGGGTAGT TAAGGCATCT TGACCAGATT GTGAATTGGC CACTGGCATA 37301 ACTCCATCTC CAGATGTATT TCTGCGCTA GTTTAAACATT ATTATATGAG 37401 ATTCAGGACC AATCACTTAG AGCAAAGAGT CTTAAACATT ATTATATGAG 37451 AATTCACCTGT AGAATTTACT AAACTCGGTT ACTGAATCCC CTGAGAATGC CACAGAGATCT 37551 CCAGGTGATG CTAATGCTGG TGCCAAAGAGT CTTAAACATT ATTATATGAG 37551 CAGGCTCACC TGGGAAACTA CACATTCAGT GTCCAAGAGT 37551 TAATGGTTTC CAGGGAACTA CACATTCAGT GTCAAACACT TATCCCCTTTAAACATT TAAGGTTTT AGAGCCTGGT TCCAAGAACT CACATTCACT CATGCTCCAAGAGT 37551 TAATGTTTC CAGGGAACTA CACATTCACT CATGCTCCAAGAGT 37551 TAATGTTTC CAGGGAACTA CACATTCACT CATGCTCCAAGAGT 37551 TAATGTTTTC CAGGGAACTA CACATTCACT CATGCTCCAAGAGT 37551 TAATGTTTTC CAGGGAACTA CACATTCACT CATGCTCCAAGAGT 37551 TAATGTTTTC AGAGCTGT TGCACAGAGT 37551 TAATGTTTTAATT						
36551 TCCTTIGAAA TAACTGCCTA CACAAGTTIG AACTCACATC TGTTTTTITG 36601 TGTIGTTGTT GTIGTTAAAC ATGATAAGTT TCCTTIGGCA GGTGCAAGCA 36651 GTCACAATCA TTACACTGAT CTTAGAATTA CCCAGAAAGT TAGAATAATT 36701 GTTTTTTTAA AGAGTCATGG TAATATCTTA ATATTTIGAG GCAATATTAA 36751 TGACTTCTGG TATATTATAG GTGCTCAATA AGTATTTGAT TAGTTGAAGA 36801 ATAATTTGAG AAATATTGTG GAAATCTAGG AGACATAAATT ATTACCCTAT 36891 ACACCCTTGA TAAAGGAATA GTGTTTATTA ATTTTTAGAGT TGAGCTTAGT 36991 TTTGTTTGTA AACACCTTIGG GAATCATCTC TTTTTTTCCA CTCTTTGTTG 36991 CCTTCAGAAA TCTCTGCTTT GCGCTCAGGA AAGAACTCTG AAGTGGTTAT 37001 TCCTGCCTTT ATAAGTAGCA ATGAGCAAGT TATATGTTCT GTGTAATCTT 37011 TTTGCCTTCC CACTGACAGA TTTCCAAGCA TTTTCCAAGCT TTTGCTTCT GTGTAATCTT 37101 TTTGCCTTCC CACTGACAGA TTTCCAAGCT TTTGCCTCTA TACGGCCTTT 37151 AACTACATTT GTTTAAAACA AGTGCTTTTC AGGAGGTTTT TTAATTTCTTC 37201 ACCAGTTGTG TAAGGCATCT TGACCAGATT TGAACATGGC CACTGCCATA 37251 TATGGGTAGT TAAGGCATCT TGACCAGATT GGTGAATTTTAATTTCATTGTTC 37351 CTATTATTTTA TTCTTCCCCA CGGAATTCAG GTTTGAAATGGC CACTGCATAGAGA 37301 ACTCCATCTC CAGATGTATT TCTTCCCCA CGGAATTCAG GTTTGTTTCA CACTCAAGAG 37301 ACTCCATCTC CAGATGTATT TCTTCCCCA CGGAATTCAG GTTTGTTTCA CACTCAAGAG 37501 GTTTCTGATT CAGACCTATA GACCACAGATT CGTGAGATTTGA CACCTAAGAGAG 37501 GTTTCTGATT CAGTAGGTCT TGACCAGATT ACTGGATTTGAACCT CATTCCCTTT 37551 CCAGGTGATG CTAATGCTGG TGCTAATGCG CTTGAAACCT CATTCTCTTT 37651 CCAGGTGATG CTAATGCTGG TGCTAATGCG CTTGAAACCT CATTCTCCAACACT 37501 TAATGTTTTC CAGTAGGTTT AGGCAGAGT CTTAAACCT CATTCTCGT 37501 CACTCATAAT TAAGTGTTTA CAGGCATTTT TGAACCAGAGT CTTAAACCT CATTCTCGT 37501 TAATGTTTTC CAAGTCATT TGAACCTCAC GTGTATTGCC CTTGAAACCT CATTCTCCAACCT CATTCTCCAACACT TTTAAGACCTCAC TGAGAACTA CACATTCAC GTGCACTTTAACTTCCAACCT CATTCTCCAACACT TTTAAGACTTCC CAGGCATTCAC GTGCACAGAACT TTTAAGACTTCC CAGGCATTCAC GTGCACAGAACAACAG TTTTTGGAGACTTA CACTTCTCAA AGGCAACACAG TTTTTGGAGACTTA CACTTCTCAACACT CATTCTCCAACACT TTTTTTTT	36501	TCCACCTCAG	GTTACAGCAG	TTATTAGGGA	ATAATTIGAG	TTGCTCTCAG
36601 TIGTIGTIGIT GITGITAAAC ATGATAAGIT TCCTIGGGCA GGTGCAAGCA 36651 GICACAATCA TIACACTIGAT CITAGAATTA CCCAGAAAGT TAGAATAATT 36701 TIGTITTITAA AGAGTCATG TAATATCITA ATATTIGAAG 36751 TIGACTICIGG TATATTATAG GIGCICAATA AGTATTIGAT TAGTIGAAGA 36801 ATAATTIGAG AAATATGIGI GAAATCATGG AGACATAATT ATTACCCTAT 36801 ATAATTIGAG AAATATGIGI GAAATCATGG AGACATAATT ATTACCCTAT 36801 TITGITTIGTA ACACCCTIGG GAATCATCIC TITTITTICAA CITCITAGI 36901 TITGITTIGTA ACACCCTIGG GAATCATCIC TITTITTICAA CITCITAGI 36901 TCCTGCCTTT ATAAGGAATA GIGTITATTA ATTTIAGAGT TGACCTITAGI 37001 TCCTGCCTTT ATAAGGACAA ATGAGCAAGT TATATGTTCT GAGTGATAT 37001 TCCTGCCTTT ATAAGGACAA ATGAGCAAGT TATATGTTCT GIGTAATCTT 37001 TCCTGCCTTT ATAAGGACAA ATGAGCAAGT TATATGTTCT GIGTAATCTT 37011 TTTIGCCTTCC CACTGACAGA TTTICCAAGCT TIGGCTCTGA TACGGCCTTT 37101 TTTIGCCTTCC CACTGACAGA TTTICCAAGCT TIGGCTCTGA TACGGCCCTTT 37201 ACCAGTTGIG CTATGTTTAA ATGAGCATCT TIGGCTCTGA TACGGCCCTTT 37201 ACCAGTTGIG TAAGGCATCT TIGACCAGACT TIGGCTCTGA TACGGCCATA 37251 TATGGGTAGT TAAGGCATCT TIGACCAGATT TIGACTAGAG 37301 ACTCCATCTC CAGATGTATT TCTICCCCA CGGAATTCAG GITAATGACC CACTGACAGA 37301 ACTCCATCTC CAGATGTATT TCTICCCCA CGGAATTCAG GITTIGAATGAC CACTAAGAG 37301 ACTCCATCTC CAGATGTATT TCTICGCTTAAG GITTIGTAAATTCAC CATGTTTTTA 37451 AATCACCTGT AGAATTTACT AAACTCGGTT ACGGACTTC CAGAATTCCC CCTGACAGAG 37501 GITTCTGATT CAGTAGGTCT GAGCATCAT CGGAATGCC CCTGACACAGA 37501 GITTCTGATT CAGTAGGTCT GAGCCTAATGCG GCTGATCTGG AGACCACACT 37651 CAGGCTCACC TGGGAAACTA CACATTCACT CATGGATCCC CCTGGAAAGAG 37501 GTTCTGATT CAGTAGGTGT TGCTAATGCG GCTGACTGGA GCACACACCC 37701 CACTCATAAT TAAGGGTTTA CACATTCACT CATGCTTGGA GCTAATGCTG TACTCACAGTTCAC TACTCACAGTTCAC TACAGAGTTT TCCAAAGCAGC AGACCACCACT 37651 CAGGCTTACT CAGGGTCTT GAGACCACACCAC GTTTTTTGCAACCTTCACAC GTCACAGACCAC TTGCTCACAGACCAC TTGCTCACAGACCAC TTGCCCACAGAACTA CACATTCACC CATTATCCTACAGACCAC GTCTTTTGCACAGACCAC TTGCCCACAGAACTA CACATTCACC CATTATCTCAACCT CATGCCTCACAGACCAC TTTTACCTACAGACCAC GTCTTTTGAAATACTC TACAGACCACACACCAC TTTTTTGAACACCACC TTTTTGAACACCACC GTCTTTTGAACACCAC GTCCACCACACACACACACACACACACACA	36551	TCCTTTGAAA	TAACTGCCTA	CACAAGTTTG	<b>AACTCACATC</b>	TGTTTTTGT
36701 GITTITITAA AGAGTCATGG TAATATCTTA ATATTIGAG GCAATATTAA 36751 TGACTICTGG TATATTATAG GTGCTCAATA AGTATTIGAT TAGTTGAAGA 36801 ATAATTTGAG AAATATGTGT GAAATCTAGG AGACATAATT ATTACCCTAT 36851 ACACCCTTGA TAAAGGAATA GTGTITATTA ATTITAGAGT TGAGCTAGT 36901 TITGTTTGTA AACACCTTGG GAATCATCTC TITTITTCCA CTCTTTGTTG 36901 TCCTGCCTTT ATAAGTAGCA ATGAGCAATA ATTITAGAGT TGAGCTTAGT 37001 TCCTGCCTTT ATAAGTAGCA ATGAGCAATA TATATTGTTCT GGTTAATCTT 37011 TCTTGCCTTC CACAGAA TCTCTGCTTT GCGCTGAGGA AAGAACTCTG AAGTGGTTAT 37011 TTTGCCTTCC CACTGACAGA TTTCCAAGCT TTTGGCTCTGA TACGGCCTTT 37101 TTTGCCTTCC CACTGACAGA TTTCCAAGCT TTTGGCTCTGA TACGGCCTTT 37201 ACCAGTTGTG CTATGTTTAAAACA AGTGCTTTTC AGGAGGTGTT TTCATTGTTC 37201 ACCAGTTGTG CTATGTTTAAAACA AGTGCTTTTC AGGAGGTGTT TTCATTGTTC 37201 ACCAGTTGTG TAAGGCATCT TGACCCAGATT CGTGAGTTTG ACACTAAGAG 37251 TATGGGTAGT TAAGGCATCT TGACCCAGATT CGTGAGTTTG ACACTAAGAG 37301 ACTCCATCTC CAGATGTATT TCTGCCCA CGGAATTCAG GTTTGAATTGC CACTGACAGA 37301 ACTCCATCTC CAGATGTATT TCTGCCCA CGGAATTCAG GTTTGATTTC ACATTAGAG 37401 ATTCAGGACC AATCACTTAG AGCAAAGAGT CTTAAACATT ATTATTATGAG 37451 AATCACCTGT AGAATTTACT AGACTTCAGT ACTGAATCCC CCTGACAGAA 37501 GTTTCTGATT CAGTAGGTCT GAGCTGGTGC CTGAGAATGC CTACACAGA 37501 GTTTCTGATT CAGTAGGTCT GAGCTGGTGC CTGAGAATCC CACTGACAGA 37501 TTGAGCGCTA TTGACCTATA GGGCATTAGT ACTGAATCCC CATTATGCAT 37601 TTGAGCGCTA TTGACCCTATA GGGCATTAGT TCCTAAACCT CATTATGCAT 37601 TTGAGCGCTA TTGACCTATA GGGCATTAGT TCCTAAACCT CATTATGCAT 37601 TTGAGCCTATA TAAGTGTTTA AGGGAGTTAG GCCCAGATT TTGACCATTCC 37701 CACTCATAAT TAAGTGTTTA AGGGAGTTAG GCCCAGATT TTGACCATTCC 37701 CACTCATAAT TAAGTGTTTA AGGGAGTAG TCCAAGTACG CCCAGATTTGCAT 37601 TTGACCATTT GAGCCTGT GAAAACACAG TTCTGACA GCCAATTCCA 37601 TTGACCATTT TAAGTGTTTA AGGGAGTAG GCCCAGATT TTGACCTTCCA 37601 TTGACCATTT TAAGTGTTTA AGGGAGTAG GCCCAGATT TTGCCTGCTG 37601 TTGACCATTC CAGGCCAC CACTTCCACA GCCCAGATT TTGACCATTCC 37601 TTGACCATTC TAAGTGTTA AGGGAGTAG GCCCCAGATT TTGCCTGCTG 37601 TTGACATTTT CAGGGCAAC CACTTCCACA GCCCACATTTCTAA 37751 TAATTTTTC CAAGTTAGTA TAATTTTTCAACATTCCA GTCCAAGAGA ATTCCTTCAA 3760	36601	<b>ाजाजाजा</b>	GTTGTTAAAC	<b>ATGATAAGTT</b>	TCCTTGGGCA	GGTGCAAGCA
36751 TGACTICTGG TATATTATAG GTGCTCAATA AGTATTIGAT TAGTIGAAGA 36801 ATAATTIGAG AAATATGIGT GAAATCTAGG AGACATAATT ATTACCCTAT 36851 ACACCCTIGA TAAAGGAATA GTGITTATTA ATTITAGAGT TGAGCTTAGT 36901 TTTGTTIGTA AACACCTIGG GAATCATCIC TTTTTTTCCC CTCTTTGTTG 36951 CCTTCAGAAA TCTCTGCTTT GCGCTGAGGA AAGAACTCTG AAGTIGGTAT 37001 TCCTGCCTTT ATAAGTAGCA ATGACCAGGT TATATGTTCT GTGTAATCTT 37051 CAAAATGTA GGACAGTGAG GCTGCTTTAA ATAACTGGTT TTAGTCCATT 37101 TTTGCCTTCC CACTGACAGA TTTCCAAGCT TTGGCTCTGA TACGGCCTTT 37101 ACCAGTTGTG CTATGTTTAA ATGAGGTGCT TGGAATGGC CACTGGCATA 37251 TATGGTAGT TAAGGCACTC TACCAGATT TGGCAGATT TTCATTGTTC 37351 CATTATTTA TTCTTCCCCA CGGATTGT TAGGTTTTCA CACTGCTTTA 37401 ATTCAGGACC AATCACTTAG AGCAAGAGT CTTAACATT ATTATGTTCA 37451 AATCACCTGT AGAATTTACT AAACCCAGTT ACGGACTTT ACGAGATTC TAGGTACAGAT 37551 CTATTATTTA TTCTTCCCCA CGGATTCAG GTTTGTTTCA CATTGTTTTA 37401 ATTCAGGACC AATCACTTAG AGCAAGAGT CTTAACATT ATTATGAG 37451 AATCACCTGT AGAATTTACT AAACTCGGTT ACTGAATCCC CTGACAAGA 37501 GTTTCTGATT CAGTAGGTCT GAGCTGGTC CTTAAACATT ATTATGAG 37451 CAGGTGATT CAGTAGGTCT GAGCTGGTC CTTAAACATT ATTATGAG 37551 CAGGTGATT CAGTAGGTCT GAGCTGGTC CTGACAACA 37501 TTGAGCACTA TTGACCTATA GGGCCTAATGCG GCTGATCTGG AGACCAACCT 37601 TTGAGGACTA TTGACCTATA GGGCTTAATGCG GCTGATCTTG AGACCAACT 37601 TTGAGGCTCAC TGGGAAACACTA CACATTCACT CATGCATCCAC TCAAGAGTC 37601 TTGAGCACTTT GAGGTCTGT GAGCTGGTC CTAACACCT CATTATGCAT 37651 CAGGTGATC CTAAGGGTC TTGAGAGTCT CATGCAGATCT AAGAGTTCAC TTGAGCCTACC TGGGAAACACAG TTCTGAACCT CATTATGCAT 37651 CAGGTCACC TGGGAAACACTA TTTGAGCCTGGT TCCAAGACCT CATTATGCAT 37601 TTGACCATTT GAGGCTCGT TAAGGGTCT CATGCACAGACC CACTTCACC TCAAGACCT CAGTTTCCAAGGTCTA 37651 CAGGCTCACC TGGGAAACACAG TTCTGACC TCAAGACCT CAGTTTCCAAGACCT CAGTTTTCAACTTCC AGGACTTCC AGGACTTCC AGGACTAC TAAGAGTTCA TTGAGCCTGGT TCCAAGACACAG TTTTTGCCAC TTGAGGCCAAC CACTTCACC ACCTATTCTAACTTTTTTTTTT	36651	GTCACAATCA	TTACACTGAT	CTTAGAATTA	CCCAGAAAGT	TAGAATAATT
36801 ATAATTIGAG AAATATGIGT GAAAICTAGG AGACATAATT ATTACCCTAT 36851 ACACCCTIGA TAAAGGAATA GTGITTATTA ATTTTAGAGT TGAGCTIAGT 36901 TITIGTTTIGTA AACACCTIGG GAATCATCTIC TITTTTTCCA CTCTTIGTTG 36951 CCTTCAGAAA TCTCTGCTTT GCGCTGAGGA AAGAACTCTG AAGTGGTTAT 37001 TCCTGCCTTT ATAAGTAGCA ATGAGCAAGT TATATGTTCT GTGTAATCTT 37051 CAAAAATGTA GGACAGTGAG GCTGCTTTAA ATAACTGGTT TTAGTCCATT 37101 TITIGCCTTCC CACTGACAGA TTTCCAAGCT TTGCCTCTGA TACGGCCTT 37151 AACTACATTT GTTTAAACA AGTGCTTTTC AGGAGGGTT TTAGTTCTATTTTCATTGTTC 37201 ACCAGTTGTG CTATGTTTAA ATGAGTGCT TTGTAAATGCC CACTGGCATA 37251 TATGGGTAGT TAAGGCATCT TGACCAGATT CGTGAGTTTTG ACACCTATA 37301 ACTCCATCTC CAGATGTATT TCTTGCCTAG TTGAAATAGC CACTGGCATA 37401 ATTCAGGACC AATCACTTAG AGCAAGAGT CTTAAACATT ATTATATGAG 37451 AATCACCTGT AGGATTACT AACACTGGTT ACTGAATCCC CCTGACAAGA 37501 GTTTCTGATT CAGATGTAT AACACTGGTT ACTGAATCCC CCTGACAAGA 37501 GTTTCTGATT CAGATGTAT TGACCAGATG CTTAAACATT ATTATATGAG 3751 CAGAGTCACC TGGGAAACTA CACATTCAG GCTGATCTCG AGACCACACT 37601 TTGAGAGCTA TTGACCTATA AGGAGTTAG GCTGAATGC TAACAAGTTC 3751 CAGGCTCACC TGGGAAACTA CACATTCACT CAGGCTTCAG GCCCAGAATGC TAACAAGTTC 3751 CAGGCTCACC TGGGAAACTA CACATTCACT CATGCTCCAG GCCCAGACTCT 37601 TTGAGAGCTA TTGACCTATA AGGGAGTTAG TCCAAACCC CTGACAAGA 37501 CACTCATAAT TAAGTGTTTA AGGGAGTTAG TCCTAAACCT CATGTTCCAG GCCACACTCT 37601 TTGAGAGCTA TTGACCTATA AGGGAGTTAG TCCTAAACCT CATGTTCCAG GCCACACTCT 37601 TTGAGAGCTA TTGACCTATA AGGGAGTTAG TCCTAAACCT CATGTCCAGA GTCACATTCC 37701 CACTCATAAT TAAGTGTTTTA AGGGAGTTAG GAAACCACAG TTTCTGCTGAG 37801 TTGAGACCTTA TAAGTGTTTT AGGGAGACC AGCTTGCC TTGTCTGAG GCCCCAGACTT TGCATTTCTAA 37801 TTGGACATTT GATTCCCTGA TTTAGCGAG GCCCCAGATT TGCATTTCTAA 37801 TTGAGACTTT CAGGGAAACACA TTTAGCGAG GCCCCAGATT TGCATTTCTAA 37801 TGCTCTTCAAA ACCTGGTT TAAGGGAGAG TCCAAGAGAG TTTCTGCAGAGAG TTTCCTGCTGAGAGAG TCCAAGAGAG TTTCTGCAGAGAG TTTCCTGCTGAGAGAG TTTCCTGCAGAGG TCCAAGAGAG TTTCTGCAGAGAG TTTCTGCTGAGAGAG TTTCTGCAGAGAGAG TTTCTGCAGAGAG TTTTCTGCAGAGAGAG TTTCTGCAGAGAGAAAAAAAGT TTAAGAGTTAA AACTGGTTT TAAGAGTTAA AACTTGCTGT TAAGAGTTAA AACTTGCTGTAGAGAGAGAGAGCT T	36701	GTTTTTAA	AGAGTCATGG	TAATATCTTA	ATATITGGAG	GCAATATTAA
36851 ACACCCTTIGA TAAAGGAATA GTGTTTATTA ATTITAGAGT TGAGCTTAGT 36901 THTGTTTGTA AACACCTTIGG GAATCATCTC TTTTTTTCCA CTCTTTIGTTG 36951 CCTTCAGAAA TCTCTGCTTT GAGCAGGA AAGAACTCTG AAGTGGTTAT 37001 TCCTGCCTTT ATAAGTAGCA ATGAGCAAGT TATATGTTCT GTGTAATCTT 37001 TCCTGCCTTC CACAGAGGAGG GCTGCTTTAA ATAACTGGTT TTAGTCCATT 37101 TTTGCCTTCC CACTGACAGA TTTCCAAGCT TTGGCTCTGA TACGGCCTTT 37151 AACTACATTT GTTTAAAACA AGTGCTTTTC AGGAGGTGTT TTCATTGTTC 37201 ACCAGTTGTG CTATGTTTAA ATGAGGTGCT TGTAAATGGC CACTGGCATA 37251 TATGGGTAGT TAAGGCCATCT TGGCCAGATT CGTGAGATGGC CACTGACAGA 37251 TATGGGTAGT TAAGGCCATCT TGGCCAGATT CGTGAGTTTG CACACTAAGAG 37301 ACTCCATCTC CAGATGTATT TCGCCAGATT CGTGAGTTTGAAT CTATCTCTTT 37351 CTATTATTTA TTCTTCCCCA CGGAATTCAG GTTTGTTAAAT CTATCTCTTT 37351 CATTATTTA TTCTTCCCCA CGGAATTCAG GTTTGTTAAAT CTATCTCTTT 37501 GTTTCTGATT CAGTAGGTC AACCCTAGAGAGAGT CTTAAACATT ATTATATGAG 37451 AATCACCTGT AGAATTTACT AAACTCGGTT ACTGAATCCC CCTGACAAGA 37501 GTTTCTGATT CAGTAGGTCT GAGCTGGTT CCTGAGACCC CCTGACAAGA 37501 CCAGGTGATG CTAATGCTGG TGCTAATGCG GCTGATTCGG AGACCACACT 37601 TTGAGGCCTAT TTGACCTATA GGGCATTAGT TCCTAAACCT CATTATGCAT 3761 CAGGCTCACC TGGGAAACTA CACATTCACT CATGCTCACA GTCACATTCC 37601 TTGAGAGCTA TTGACCTATA GGGCATTAGT TCCTAAACCT CATTATGCAT 3751 CAGGTGATT GATTGCCTGG TGCTAATGCG GCTGATTCGG AGACCACACT 37601 TTGAGAGCTT GATTGCGTGATT TTAGGCCAGC GTTGTTTGCAC TCCTAGACCACT 37601 TTGAGAGCTTGC CAGGTGATT TTTTCGCCAC TTGAGCCACCT 37601 TTGAGGACTTT GATTGCGTGA TTTTAGGCCACC AGCTTTTGCAC TCCTAGACCACT 37601 TTGAGGCCTGC TGGGAAACAC CACATTCACT CATGCTGCA ACCCTATGTAA 37751 TAATGTTTTC CAGTGAGGTT AGGGGCTGGT TCCAAGAGCT GTACCTTTCAC 37701 CACTCATAAT TAAGTGTTTA AGGGGGCTGG TCCAAGGGA TTTTTGGCCGTC 37701 CACTCATAAT TAAGTGTTTA AGGGGGCTGG TCCAAGGAC ACCTTTGGAG 37801 ATTCCTGTGA ACCTGGGTTA ACCTGGGGAAACACAC TTTTTGGCCGTC TATCCTGCTG 37901 ATTCCTGTAA ACTTGGGTTT ACGGGCTAGC GACCACCACT 37701 CACTCATAGTT TAAGGGTTA ACTTGGGCTAATGGA ACCTTTTTTTTTT	36751	TGACTTCTGG	TATATTATAG	GIGCICAATA	AGTATTIGAT	TAGTIGAAGA
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37001 TCCTGCCTTT ATAAGTAGCA ATGAGCAAGT TATATGTTCT GTGTAATCTT 37051 CAAAAATGTA GGACAGTGAG GCTGCTTTAA ATAACTGGTT TTAGTCCATT 37101 TTTGCCTTCC CACTGACAGA TTTCCAAGCT TTGGCTCTGA TACGGCCTTT 37151 AACTACATTT GTTTAAAACA ATGAGTGCTTTC AGGAGGTGTT TTCATTGTTC 37201 ACCAGTTGTG CTATGTTTAA ATGGAGTGCT TTGAAATGGC CACTGGCATA 37251 TATGGGTAGT TAAGGCATCT TGACCAGATT CGTGAGTTTG ACACTAAGAG 37301 ACTCCATCTC CAGATGTATT TCTTCCCCA CGGAATTCAG GTTTGTTCA ACACTAAGAG 37301 ACTCCATCTC CAGATGTATT TCTTGCCCA CGGAATTCAG GTTTGTTTCA ACACTAAGAG 37301 ACTCCATCTC CAGATGTATT TCTTGCCCA CGGAATTCAG GTTTGTTTCA CATGTTTTTA 37401 ATTCAGGACC AGACTTTAG AGCAAAGAGT CTTAAACATT ATTATTGAG 37451 AATCACCTGT AGAATTTACT AAACTCGGTT ACTGAATCC CCTGACAAGA 37501 GTTTCTGATT CAGTAAGGTC GAGCTGGTGC CTGAGAATGC CACTAAGAGTTC 37551 CCAGGTGATG CTAATGCTGG TGCTAATGCG GCTGAATGC TAACAAGTTC 37601 TTGAGAGCTA TTGACCTATA GGGCATTAGT TCCTAAACCT CATTATGCAT 37651 CAGGCTCACC TGGGAAACTA CACATTCACT CATGCTCACA GTCACATTCC 37701 CACTCATAAT TAAGTGTTTTA AGGGCATC CAGGCTCACA GTCACATTCC 37701 CACTCATAAT TAAGTGTTTTA AGGGCAGC CAGCTTGGCC CTGACAAGA 37801 TTGGGCATTTT CAAGTGGTTT TGACCCTCA AGGGAGTTAG TTCCTGACATTCC 37801 ATTCCTGTAG GTCCAGAAGG TCCAAGGACA GTCTTGCCC TTGTCTGAA 37851 GAAGCATTTG GATTCGCTGA TTTAGGCCAAG TTCTGGGGTC TATCCTGCTG 37901 ATTCCTGTAG GTCCAGAAGG TCCAAGACCA GTTTTGCCC TTGTCTGAA 37801 ATTCCTGTAG GTCCAGAAGG TCCAAGTAGG TCCAAGAACT GTACTTTCAA 37851 GAAGCATTTG TAGAGCCTCG TTGCCCGAGAATCT TTGCTGCTGG TCCAAGAACT GTACTTTCAA 37851 GAAGCATTTG TAGAGCTCGT TTGCTGCAGAACT GTACTTTTGAG 38001 AATCACTGAT CTAGGGCAAC CACTACCCA GTTTTTGGAC ATTCCTGACTGAAAAAACA AATTTAGGCAAG ATTCCTAACAGAACT TTGCTGCTGT 38101 CTAATAGTGT TTGGGGATTA AATTTGCAC CTCCAAGAAAC TTTAAAAAAAACT TTAAAAATGT TTGAAGCAAC CACTATCATTT AACTGTTCCAAAAAAAACA TTAAAGTGTT TTGCTGCTGT TTAAAAAAAAACT TTAAAAATGT TTAAAAAAAAAA	36951	CCTTCAGAAA	TCTCTGCTTT	GCGCTGAGGA	AAGAACTCTG	AAGTGGTTAT
37051 CAAAAATGTA GGACAGTGAG GCTGCTTTAA ATAACTGGTT TTAGTCCATT 37101 TTTGCCTTCC CACTGACAGA TTTCCAAGCT TTGGCTCTGA TACGGCCTTT 37151 AACTACATTT GTTTAAAACA AGTGCTTTTC AGGAGGTGTT TTCATTGTTC 37201 ACCAGTTGTG CTATGTTTAA ATGGAGTGCT TGTAAATGGC CACTGGCATA 37251 TATGGGTAGT TAAGGCATCT TGACCAGATT CGTGAGTTG ACACTAAGAG 37301 ACTCCATCTC CAGATGTATT TCTGGGTATG TAGGTTAAA CCATCATTTA 37401 ATTCAGGACC AATCACTTAG AGCAAAGAGT CTTAAACATT ATTATATGAG 37451 AATCACCTGT AGAATTTACT AAACTGGGTT ACTGAATCCC CCTGACAAGA 37501 GTTTCTGATT CAGTAGGTCT GAGCTGGTGC CTGAGAATGC CCTGACAAGA 37501 GTTTCTGATT CAGTAGGTCT GAGCTGGTGC CTGAGAATGC TAACAAGTTC 37551 CCAGGTGATG CTAATGCTGG TGCTAATGCG GCTGATCTGG AGACCACACT 37601 TTGAGAGCTA TTGACCTATA GGGCATTAGT TCCTAAACCT CATTATGCAT 37651 CAGGCTCACC TGGGAAACTA CACATTCACT CATGCTCACA GTCACATTCC 37701 CACTCATAAT TAAGTGTTTA GAGGCAGC AGTCTTAGC GCAGACTCTA 37751 TAATGTTTTC CAGTGGTT TGAAGCCAGC AGTCTTGCCC TTGTCTGTGA 37801 TTGGACATTT GATTCGCTGA TTTAGGCAGG GCAGGATCTA 37851 GAAGCATTTG TAGAGCTCGT GAAAACACAG TTCTGGGGG GCCCAGATTT 37901 ATTCCTGTAG GTCCAGAAGG TCCAGAGG GCCCCAGATT TGCATTTCTA 37901 ATTCCTGTAG GTCCAGAAGG TCCAGAGGG GCCCCAGATT TGCATTTCTA 37901 ATTCCTGTAG GTCCAGAAGC TCCAGAGGG TCCAAGACCT GTACTTTCTA 38001 AATCACTGAT CTAGGGCAAC CAACTACCCA GTTTTTGGAG ACCTTTCTAAC 38001 AATCACTGAT CTAGGGCAAC CAACTACCCA GTTTTTTGGAGAACT TTCCTGCTG 38101 CTAATAGTGT TGTTGCGTTT AACTTTTGGAG 38201 TTAAGTTTTT CAGTTATTA AACTGGGTT AACTTTTTGGAGAACT TTTTTGGAGAACT TTTTTTGAG 38201 TTAAGTTTTT CAGTTATTTT AACTTTTTTTTTTTTTT	37001	TCCTGCCTTT	ATAAGTAGCA	ATGAGCAAGT	TATATGTTCT	GTGTAATCTT
37151 AACTACATIT GITTAAAACA AGTGCTTTIC AGGAGGTGTT TICATTGTTC 37201 ACCAGTTGTG CTATGTTTAA ATGGAGTGCT TGTAAATGGC CACTGGCATA 37251 TATGGGTAGT TAAGGCATCT TGACCAGATT CGTGAGTTTG ACACTAAGAG 37301 ACTCCATCTC CAGATGTATT TCTGGGTATG TAAGGTTTG ACACTAAGAG 37301 ACTCCATCTC CAGATGTATT TCTGGGTATG TAAGGTTTG ACACTAAGAG 37301 ACTCCATCTC CAGATGTATT TCTGGGTATG TAAGGTTTG ACACTAAGAG 37401 ATTCAGGACC AATCACTTAG AGCAAAGAGT CTTAAACATT ATTATATGAG 37451 AATCACCTGT AGAATTTACT AAACTCGGTT ACTGAATCCC CCTGACAAGA 37501 GTTTCTGATT CAGTAGGTCT GAGCTGGTGC CTGAGAATGC TAACAAGTTC 37551 CCAGGTGATG CTAATGCTGG TGCTAATGCG GCTGATCTGG AGACCACACT 37601 TTGAGAGCTA TTGACCTATA GGGCATTAGT TCCTAAACCT CATTATGCAT 37601 TTGAGAGCTA TTGACCTATA GGGCATTAGT TCCTAAACCT CATTATGCAT 37601 CACTCATAAT TAAGTGTTTA AGGGAGTTAG GAAGCTGGAG GCAGGATCTA 37751 TAATGTTTTC CAAGTGGTT TGAAGCAGC AGTCTTGCCA ACCTATGTAA 37801 TTGGACATTT GATTCGCTGA TTTAGGCAGC AGTCTTGCCA ACCTATGTAA 37851 GAAGCATTTG TAGAGCTCGT GAAAACACAG TTCTGGGGTC TATCCTGCTG 37901 ATTCCTGTAG GTCCAGAAGG TCCAAGTGGG GCCCCAGATT TGCATTTCTA 37951 ACAAGCTTGC AGGTATGTCA TTGGCGGG GCCCCAGATT TGCATTTCTA 37951 ACAAGCTTGC AGGTATGTCA TTGCTGCTGG TCCAAGAACT GTACTTTCTA 37951 ACAAGCTTTGC AGGTATGTCA TTGCTGCTGG TCCAAGAACT GTACTTTCTA 37951 ACAAGCTTTCC AGGTATGTCA TTGCTGCTGG TCCAAGAACT GTACTTTCTA 38001 AATCACTGAT CTAGGGCAAC CAACTACCCA GTTTTTGGGG ATTCTCTAAC 38001 AATCACTGAT CTAGGGCAAC CAACTACCCA GTTTTTGGGG TTCCAAGAACT GTACTTTTAAC 38101 CTAATAGTGT TGTTGCGTTT CCTCCCAGAA GTTTTTTGGC ATTGCTTTTAACTTTTTTTTTT	37051	CAAAAATGTA	<b>GGACAGTGAG</b>	<b>GCTGCTTTAA</b>	<b>ATAACTGGTT</b>	TTAGTCCATT
37201 ACCAGTIGIG CTATGTITIAA ATGGAGTGCT TGTAAATGGC CACTGGCATA 37251 TATGGGTAGT TAAGGCATCT TGACCAGATT CGTGAGTTIG ACACTAAGAG 37301 ACTCCATCTC CAGATGTATT TCTGGGTATG TAGGTTAAAT CTATCTCTTT 37351 CTATTATTTA TTCTTCCCCA CGGAATTCAG GTTTGTTTCA CATGTTTTTA 37401 ATTCAGGACC AATCACTTAG AGCAAAGAGT CTTAAACATT ATTATATGAG 37451 AATCACCTGT AGAATTTACT AAACTGGGTT ACTGAATCCC CCTGACAAGA 37501 GTTTCTGATT CAGTAGGTCT GAGCTGGTGC CTGAGAATGC TAACAAGTTC 37551 CCAGGTGATG CTAATGCTGG TGCTAATGCG GCTGATCC TAACAAGTTC 37551 CAGGCTCACC TGGGAAACTA GGGCATTAGT TCCTAAACCT CATTATGCAT 37601 TTGAGAGCTA TTGACCTATA GGGCATTAGT TCCTAAACCT CATTATGCAT 3761 CACTCATAAT TAAGTGTTTA AGGGAGTTAG GAAGCTGGAG GCAGGATCTA 3751 TAATGTTTTC CAAGTGATTT GAAGCAGC AGTCTTGCC TTGTCTGAC 37601 TTGGACATTT GATTCGCTGA TTTAGGCAAG GCAGGATCTA 3761 CACTCATAAT TAAGTGTTTA AGGGCAGTTAG GAAGCTGGAG GCAGGATCTA 3761 TAGGCTCACC TGGGAAACTA CACATTCACT CATGCTCACA GTCACATTCC 37601 TTGGACATTT GATTCGCTGA TTTAGGCAGC AGTCTTGCC TTGTCTGGA 37601 TTGGACATTT GATTCGCTGA TTTAGGCAAG TTCTGCCC TTGTCTGTGA 37601 TTGGACATTT GATTCGCTGA TTTAGGCAAG TTCTGCCC TTGTCTGTGA 37601 TTGGACATTT GATTCGCTGA TTTAGGCAAG TTCTGCCC TTGTCTGTGA 37601 TTGGACATTT GATTCGCTGA TTTAGGCAAG TTCTGCCC TTGTCTGCAGAACT TTGCACTTCAA 37601 TTGGACATTT GATTCGCTGA TTGCAGGAACA GTTTTTGAC 37601 TTGGACATTT TTGACCTTCTA AACTTCAACAGAACA GTTTTTTGAC 37601 TTGGACTTCCAA ACTATCATTT AACTTGCAC TTCCAAGAACA GTTTTTTGAC 37601 TTGACTTTTT AACTTGATT AACTTTCAAC 38001 AATCACTGAT TTGTTGCGTTT TTGCTGCCC TTGACAGAACA AATGAATTCT TTGACCATCCAAGAACA AATGAATTCT TTGACAAAAAAG TTCACAAGTAAAACT TTAAAAAAACT TTAAAAAAAAG TAAAAAAAAG TAAAAAAAACT TTAAAAAAACT TTAAAAAAAACT TAAAAAAAA	37101	TTTGCCTTCC	CACTGACAGA	TTTCCAAGCT	TTGGCTCTGA	TACGGCCTTT
37251 TATGGTAGT TAAGGCATCT TGACCAGATT CGTGAGTTTG ACACTAAGAG 37301 ACTOCATCTC CAGATGTATT TCTGGGTATG TAGGTTAAAA CTATCTCTTT 37351 CTATTATTTA TTCTTCCCCA CGGAATTCAG GTTTGTTTCA CATGTTTTTA 37401 ATTCAGGACC AATCACTTAG AGCAAAGAGT CTTAAACATT ATTATATGAG 37451 AATCACCTGT AGAATTTACT ACGACTGGTT ACTGAATCCC CCTGACAAGA 37501 GTTTCTGATT CAGTAGGTCT GAGCTGGTGC CTGAGAATGC TAACAAGTTC 37551 CCAGGTGATG CTAATGCTGG TGCTAATGCG GCTGATCTGG AGACCACACT 37601 TTGAGAGCTA TTGACCTATA GGGCATTAGT TCCTAAACCT CATTATGCAT 37651 CAGGCTCACC TGGGAAACTA CACATTCACT CATGCTCACA GTCACATTCC 37701 CACTCATAAT TAAGTGTTTA AGGGAGTTAG GAGCTGGAG GCAGGATCTA 37751 TAATGTTTTC CAAGTGATTT AGGGCAGC AGTCTTGCCC TTGTCTGTGA 37801 TTGGACATTT GATTCGCTGA TTTAGGCAAG TTCTGGGGTC TATCCTGCTG 37901 ATTCCTGTAG GTCCAGAAGG TCCAAGTGGG GCCCCAGATT TGCATTTCTA 37951 ACAAGCTTGC AGGTATGTCA TTGCTGCTG TCCAAGAACT GTACTTTCTA 37951 ACAAGCTTGC AGGTATGTCA TTGCTGCTGG TCCAAGTGCG GCCCCAGATT TGCATTTCTA 37951 ACAAGCTTGC AGGTATGTCA TTGCTGCTGG TCCAAGAACT GTACTTTGAG 38001 AATCACTGAT CTAGGGCAAC CAACTACCCA GTTTTTGAG 38001 AATCACTGAT CTAGGGCAAC CAACTACCCA GTTTTTGAG 38001 TTAAGTTTTT ACACTGATTA AACTTTCAC 38101 CTAATAGTGT TGTTGCGTTT AACTTTTCCAC 38201 TTAAGTTTTT TGTTGCGTTT TAATGTTTCC GAATAAAACT TTAAAAATTCA 38301 GAATACAAGT AACAGTACAG ACATGTGTA TAATGGTTCC GAATAAAACT TTAAAAATTCA 38301 GAATACAAGT AAGAGTACAG ACATGTGTAT TAATGGTTTCC GAATAAAACT TTAAAAATTCA 38301 GAATACAAGT AAGAGTACAG ACATGTGTAT TAATGGTTTCC GAATAAAACT TTAAAAATTCA 38301 TCCTGCATGTT TTGTGCTTTTT ATATGTTTTTA TAATGTTTTCCTTCTTTTAACAATTCA 38301 TCCTGCATGTT TTGTGCTTTTT ATATGTTTTTT ATATGTTTTTAAT TAACAATTCA 38301 TCCTGCATGTT TTGTGCTTTTTT ATATGTTTTTTAAAT AACAATTCA 38301 TCCTGCATGTT TTGTGCTTTTTTTTTTTTTTTTTTTTT	37151	AACTACATTT	GTTTAAAACA	AGTGCTTTTC	AGGAGGTGTT	TTCATTGTTC
37301 ACTICATICIC CAGATISTATT TICTIGGGTATIS TAGGTTAAAT CTATCTICTTT 37351 CTATTATITA TICTICCCA CGGAATTCAG GTTTIGTTCA CATGTTTTTA 37401 ATTCAGGACC AATCACTTAG AGCAAAGAGT CTTAAACATT ATTATATGAG 37451 AATCACCTGT AGAATTTACT AAACTCGGTT ACTGAATCCC CCTGACAAGA 37501 GTTTCTGATT CAGTAGGTCT GAGCTGGTGC CTGAGAATGC TAACAAGTTC 37551 CCAGGTGATG CTAATGCTGG TGCTAATGCG GCTGATCTGG AGACCACACT 37601 TTGAGAGCTA TTGACCTATA GGGCATTAGT TCCTAAACCT CATTATGCAT 37651 CAGGCTCACC TGGGAAACTA CACATTCACT CATGCTCACA GTCACATTCC 37701 CACTCATAAT TAAGTGTTTA AGGGAGTTAG GAAGCTGGAG GCAGGATCTA 37751 TAATGTTTTC CAAGTGATTT TGAAGCAGCC AGTCTTGCCC TTGTCTGTGA 37801 TTGGACATTT GATTCGCTGA TTTAGGCAAG TGGTTCTCCA ACCTATGTAA 37851 GAAGCATTTG TAGAGCTCGT GAAAACACAG TTCTGGGGTC TATCCTGCTG 37901 ATTCCTGTAG GTCCAGAAGG TCCAAGTGGG GCCCCAGATT TGCATTTCTA 37951 ACAAGCTTGC AGGTATGTCA TTGCTGCTG TCCAAGAACT GTACTTTGAG 38001 AATCACTGAT CTAGGGCAAC CAACTACCCA GTTTTTGAG 38001 AATCACTGAT CTAGGGCAAC CAACTACCCA GTTTTTGAG 38010 CTAATAGTGT TGTTGCGTTT AACTTTCCAGAGAA ATTTTTTTTAACT 38101 CTAATAGTGT TGTTGCGTTT AACTTTTCCAGAGAAAAACT TTAAAGATTGT 38201 TTAAGTTTTTT CAGTTATATTAACAATTCA ACTATCATTT 38201 TTAAGTTTTTT TGTAAAAAAAAG TCACAAGTAAAAACT TTAAAAATTCA 38301 GAATACAAGT AAGAGTACAG ACATGGTTA TAATGGTTCC GAATAAAACT TTAAAAATTCA 38301 GAATACAAGT AAGAGTACAG ACATGTGTAT TTCCTGCTGT TTAAAAATTCA 38301 GAATACAAGT AAGAGTACAG ACATGTGTAT TTCCTGATGA TTTTCCCTCT 38401 TCTGGACTGC CGCATAGTGA AGGAAGCTCT GTACTTTTA ACAAAATTCA 38501 TCTGGACTGC CGCATAGTGA AGGAAGCTCT GTACTTTTA ACAAAAGTTGA 38501 TCTGGACTGC CGCATAGTGA AGGAAGCTCT GTACTTTTA ACAAAATTCA 38401 TCTGGACTGC CGCATAGTGA AGGAAGCTCT GTACTTTTA ACAAAATTG	37201	ACCAGTIGIG	CTATGTTTAA	ATGGAGTGCT	TGTAAATGGC	ACACTAACAC
37351 CTATTATITA TICTICCCCA CGGAATICAG GTTIGITICA CATGITITTA 37401 ATTCAGGACC AATCACTIAG AGCAAAGAGT CTTAAACATT ATTATATGAG 37451 AATCACCIGT AGAATITACT AAACTCGGTT ACTGAATCCC CCTGACAAGA 37501 GTTTCTGATT CAGTAGGTCT GAGCTGGTGC CTGAGAATGC TAACAAGTTC 37551 CCAGGTGATG CTAATGCTGG TGCTAATGCG GCTGATCTGG AGACCACACT 37601 TTGAGAGCTA TTGACCTTAA GGGCATTAGT TCCTAAACCT CATTATGCAT 37651 CAGGCTCACC TGGGAAACTA CACATTCACT CATGCTCACA GTCACATTCC 37701 CACTCATAAT TAAGTGTTTA AGGGAGTTAG GAAGCTGGAG GCAGGATCTA 37751 TAATGTTTTC CAAGTGATTA TGAAGCCAGCC AGTCTTGCCC TTGTCTGCA 37801 TTGGACATTT GATTCGCTGA TTTAGGCAAG TGGTTCTCCA ACCTATGTAA 37851 GAAGCATTTG TAGAGCTCGT GAAAACACAG TTCTGGGGTC TATCCTGCTG 37901 ATTCCTGTAG GTCCAGAAGG TCCAAGTGGG GCCCCAGATT TGCATTTCTA 37951 ACAAGCTTGC AGGTATGTCA TTGCTGCTGG TCCAAGAACT GTACTTTGAG 38001 AATCACTGAT CTAGGGCAAC CAACTACCCA GTTTTTGAG ATTCTCTAAC 38051 TGATTTAAAT AACTGGATTA AATTTAGGGA TTGAAATTCT TTGACCGTCT 38101 CTAATAGTGT TGTTGCGTTT CCTCCCAGAA GTTTTTTTGTG ATAGTAATGT 38201 TTAAGTTTTTT CAGTTATTT AACTTTTGCG 38201 TTAAGTTTTTT CAGTTATTT AACTTTTGCG 38201 TTAAGTTTTTT TAAAAAAAAG TCACAAGTAA AACAGTTAAT TAACAATTCA 38301 GAATACAAGT AAGAGTACAG ACATGTGTAT TTCCTGATGA TTTTCCCTCT 38401 TCTGGACTGC CGCATAGTGA AGGAAGCTCT GTACTTTTA ACAAAATTC	3/25L	ACTOCATOCA	CACATCTATT	TCTCCCTATC	TACCITAAAT	CTATCTCTTT
37401 ATTCAGGACC AATCACTTAG AGCAAAGAGT CTTAAACATT ATTATATGAG 37451 AATCACCTGT AGAATTTACT AAACTCGGTT ACTGAATCCC CCTGACAAGA 37501 GTTTCTGATT CAGTAGGTCT GAGCTGGTGC CTGAGAATGC TAACAAGTTC 37551 CCAGGTGATG CTAATGCTGG TGCTAATGCG GCTGATCTGG AGACCACACT 37601 TTGAGCACTA TTGACCTATA GGGCATTAGT TCCTAAACCT CATTATGCAT 37651 CAGGCTCACC TTGGGAAACTA CACATTCACT CATGCTCACA GTCACATTCC 37701 CACTCATAAT TAAGTGTTTA AGGGAGCT CATGCTGACA GTCACATTCC 37751 TAATGTTTTC CAAGTGATT TGAAGCAGC AGTCTGACA GTCACATTCC 37751 TAATGTTTTC CAAGTGATT TGAAGCAGC AGTCTGACA TTGTCTGTGA 37801 TTGGACATTT GATTCGCTGA TTTAGGCAAG TGGTTCTCCA ACCTATGTAA 37851 GAAGCATTTG TAGAGCTCGT GAAAACACAG TTCTGGGGTC TATCCTGCTG 37901 ATTCCTGTAG GTCCAGAAGG TCCAAGTGGG GCCCCAGATT TGCATTTCTA 37951 ACAAGCTTGC AGGTATGTCA TTGCTGCTGG TCCAAGAACT GTACTTTCTA 37951 ACAAGCTTGC AGGTATGTCA TTGCTGCTGG TCCAAGAACT GTACTTTCTA 37951 ACAAGCTTGC AGGTATGTCA TTGCTGCTGG TCCAAGAACT GTACTTTCTA 37951 ACAAGCTTGC AGGTATGTCA ACTTTCACA ACTTTCACA 38001 AATCACTGAT CTAGGGCAAC CAACTACCCA GTTTTTGAGATTCT TTGACCGTCT 38101 CTAATAGTGT TGTTGCGTTT CCTCCCAGAA GTTTTTTGTG ATAGTAATGT 38201 TTAAGTTTTTT CAGTTATTTAAATTAAT TAACAATTCA ACTTTCACA ACTATCATTT AACTTTTGCG CTCCCAGAGA AATGAATGTC TTAAAAAAAG TCACAAGTAAAACT TTAAAGATGG 38201 CAAATAAATTC TGAAAAAAAG TCACAAGTAAAACT TTAAAAATTCA 38301 GAATACAAGT AAGAGTACAG ACATGTGTAT TCCTAGTTAA TAACAATTCA 38301 GAATACAAGT AAGAGTACAG ACATGTGTAT TCCTAGTTAA TAACAATTCA 38301 CTGCATGTT TTGTGCTTTTT ATATGTTTGTG TCCTCTGATGA TTTTCCCTCT 38401 TCTGCATGTT TTGTGCTTTTT ATATGTTTGTG TCCTCTGATGA TTTTCCCTCT 38401 TCTGCATGTT TTGTGCTTTTT ATATGTTTGTG TCCTCTGATGA TTTTCCCTCT 38401 TCTGCATGTC CCCCATAGTGA AGGAGACTCT GTACTTTTA ACAAAATTCA 38301 CCTGCATGTT TTGTGCTTTTT ATATGTTTGTG TCCTCTGATGA TTTTCCCTCT 38401 TCTGCATGTC CCCCATAGTGA AGGAGACTCT GTACTTTTTA ACAAAAGTTG	3/3UL	CTATTATTTA	TTCTTCCCA	CCCAATTCAC	GITIGITICA	CATGITITA
37451 AATCACCIGT AGAATTTACT AAACTOGGTT ACTGAATCCC CCTGACAAGA 37501 GTTTCTGATT CAGTAGGTCT GAGCTGGTGC CTGAGAATGC TAACAAGTTC 37551 CCAGGTGATG CTAATGCTGG TGCTAATGCG GCTGATCTGG AGACCACACT 37601 TTGAGAGCTA TTGACCTATA GGGCATTAGT TCCTAAACCT CATTATGCAT 37651 CAGGCTCACC TGGGAAACTA CACATTCACT CATGCTCACA GTCACATTCC 37701 CACTCATAAT TAAGTGTTTA AGGGAGTTAG GAAGCTGGAG GCAGGATCTA 37751 TAATGTTTTC CAAGTGATTT TGAAGCAGCC AGTCTTGCCC TTGTCTGTGA 37801 TTGGACATTT GATTCGCTGA TTTAGGCAAG TGGTTCTCCA ACCTATGTAA 37851 GAAGCATTTG TAGAGCTCGT GAAAACACAG TTCTGGGGTC TATCCTGCTG 37901 ATTCCTGTAG GTCCAGAAGG TCCAAGTGGG GCCCCAGATT TGCATTTCTA 37951 ACAAGCTTGC AGGTATGTCA TTGCTGCTGG TCCAAGAACT GTACTTTGAG 38001 AATCACTGAT CTAGGGCAAC CAACTACCCA GTTTTTGAG ATTCTCTAC 38051 TGATTTAAAT AACTGGATTA AATTTAGGGA TTGAAATTCT TTGACCGTCT 38101 CTAATAGTGT TGTTGCGTTT CCTCCCAGAA GTTTTTTGTG ATAGTAATGT 38201 TTAAGTTTTT AACTATTTT AACTATTGTTA TAATGGTTCC GAATAAAACT TTAAAGTTGG 38201 TTAAGTTTTT TGAAAAAAAG TCACAAGTAAAACT TTAAAAGTTG 38201 GAATACAAGT AAGAGTACAG ACATGTGTAT TTCCTAGTTA TAACAATTCA 38301 GAATACAAGT AAGAGTACAG ACATGTGTAT TTCCTGATGA TTTTCCTGCTTG 38401 TCTGGACTGC CGCATAGTGA AGGAAGCTCT GTACTTTTA ACAAAGTTG	37401	ATTCAGGACC	AATCACTTAG	AGCAAAGAGT	CTTAAACATT	ATTATATGAG
37501 GITTICIGATT CAGTAGGICT GAGCTIGGIGC CTGAGAATGC TAACAAGTTC 37551 CCAGGTGATG CTAATGCTGG TGCTAATGCG GCTGATCTGG AGACCACACT 37601 TTGAGAGCTA TTGACCTATA GGGCATTAGT TCCTAAACCT CATTATGCAT 37651 CAGGCTCACC TGGGAAACTA CACATTCACT CATGCTCACA GTCACATTCC 37701 CACTCATAAT TAAGTGTTTA AGGGAGTTAG GAAGCTGGAG GCAGGATCTA 37751 TAATGTTTTC CAAGTGATTT TGAAGCAGCC AGTCTTGCCC TTGTCTGTGA 37801 TTGGACATTT GATTCGCTGA TTTAGGCAAG TGGTTCTCCA ACCTATGTAA 37851 GAAGCATTTG TAGAGCTCGT GAAAACACAG TTCTGCGGTC TATCCTGCTG 37901 ATTCCTGTAG GTCCAGAAGG TCCAAGTGGG GCCCCAGATT TGCATTTCTA 37951 ACAAGCTTGC AGGTATGTCA TTGCTGCTGG TCCAAGAACT GTACTTTGAG 38001 AATCACTGAT CTAGGGCAAC CAACTACCCA GTTTTTGAG ATTCTTACAGTGGT TGTTGCGTTT CCTCCCAGAACT GTACTTTGAC 38051 TGATTTAAAT AACTGGATTA AATTTAGGGA TTGAAATTCT TTGACCGTCT 38101 CTAATAGTGT TGTTGCGTTT CCTCCCAGAA GTTTTTTGTG ATAGTAATGT 38201 TTAAGTTTTT CAGTTATGTT AACTTTTGCCA CTCAGAGGAA AATGAATGTC 38201 TTAAGTTTTT CAGTTATGTT TAATGGTTCC GAATAAAACT TTAAAAGTGG 38201 GAATACAAGT AAGAGTACAG ACATGTGAT TTCCTGATGA TTTACAATTCA 38301 GAATACAAGT AAGAGTACAG ACATGTGTAT TTCCTGATGA TTTTCCTCTTT 38401 TCTGGACTGC CGCATAGTGA AGGAAGCTCT GTACTTTTA ACAAATGTG	37451	AATCACCTGT	AGAATTTACT	<b>AAACTCGGTT</b>	ACTGAATCCC	CCTGACAAGA
37601 TIGAGAGCTA TIGACCTATA GGGCATTAGT TCCTAAACCT CATTATGCAT 37651 CAGGCTCACC TIGGGAAACTA CACATTCACT CATGCTCACA GTCACATTCC 37701 CACTCATAAT TAAGTIGTTTA AGGGAGTTAG GAAGCTIGGAG GCAGGATCTA 37751 TAATGTTTTC CAAGTGATTT TIGAGCAGCC AGTCTIGCCC TIGTCTIGTAG 37801 TIGGACATTT GATTCGCTGA TTTAGGCAAG TIGGTCTCCA ACCTATGTAA 37851 GAAGCATTTG TAGAGCTCGT GAAAACACAG TTCTGGGGTC TATCCTGCTG 37901 ATTCCTGTAG GTCCAGAAGG TCCAAGTGGG GCCCCAGATT TGCATTTCTA 37951 ACAAGCTTGC AGGTATGTCA TTGCTGCTGG TCCAAGAACT GTACTTTGAG 38001 AATCACTGAT CTAGGGCAAC CAACTACCCA GTTTTTGGAG ATTCTCTAAC 38051 TGATTTAAAT AACTGGATTA AATTTAGGGA TTGAAATTCT TIGACCGTCT 38101 CTAATAGTGT TIGTTGCGTTT CCTCCCAGAA GTTTTTTTTGTG AATGAATTGT 38201 TTAAGTTTTT CAGTTATGTA TAATTGGTTCC GAATAAAACT TTAAAAGTGG 38251 CAAATAAATTC TGAAAAAAAG TCACAAGTAA AACAGTTAAT TAACAATTCA 38301 GAATACAAGT AAGAGTACAG ACATGTGTAT TTCCTAGTTA AGATTGTGGA 38351 CCTGCATGTT TIGTGCTTTTT ATATGTTTGTG TCCTCAGTGA TTTTCCCTCT 38401 TCTGGACTGC CGCATAGTGA AGGAAGCTCT GTACTTTTA ACAAAGTTG	37501	GTTCTGATT	CAGTAGGTCT	GAGCTGGTGC	CTGAGAATGC	TAACAAGTTC
37651 CAGGCTCACC TIGGGAAACTA CACATTCACT CATGCTCACA GTCACATTCC 37701 CACTCATAAT TAAGTGTTTA AGGGAGTTAG GAAGCTIGAG GCAGGATCTA 37751 TAATGTTTTC CAAGTGATTT TIGAAGCAGCC AGTCTIGCCC TTGTCTGTGA 37801 TIGGACATTT GATTCGCTGA TTTAGGCAAG TIGGTTCTCCA ACCTATGTAA 37851 GAAGCATTTG TAGAGCTCGT GAAAACACAG TTCTGGGGTC TATCCTGCTG 37901 ATTCCTGTAG GTCCAGAAGG TCCAAGTGGG GCCCCAGATT TGCATTTCTA 37951 ACAAGCTTGC AGGTATGTCA TTGCTGCTGG TCCAAGAACT GTACTTTGAG 38001 AATCACTGAT CTAGGGCAAC CAACTACCCA GTTTTTGGAG ATTCTCTAAC 38051 TGATTTAAAT AACTGGATTA AATTTAGGGA TTGAAATTCT TIGACCGTCT 38101 CTAATAGTGT TIGTGGGTTT CCTCCCAGAA GTTTTTTTTGTG ATAGTATGTT 38151 GCTCTTCCAA ACTATCATTT AACTTTGCCA CTCAAGAGAA AATGAATGTC 38201 TTAAGTTTTT CAGTTATGTA TAATGGTTCC GAATAAAACT TTAAAAGTGG 38251 CAAATAAATTC TIGAAAAAAAG TCACAAGTAA AACAGTTAAT TAACAATTCA 38301 GAATACAAGT AAGAGTACAG ACATGTGTAT TTCCTAGTTA AGATTGTGGA 38351 CCTGCATGTT TIGTGCTTTTT ATATGTTTGTG TCCTCAGTGA TTTTCCCTCT 38401 TCTGGACTGC CGCATAGTGA AGGAAGCTCT GTACTTTTA ACAAAGTTG	37551	CCAGGTGATG	CTAATGCTGG	TGCTAATGCG	GCTGATCTGG	AGACCACACT
37701 CACTICATAAT TAAGTIGTTTA AGGGAGTTAG GAAGCTIGAG GCAGGATICTA 37751 TAATGITTTC CAAGTGATTT TIGAAGCAGCC AGTICTIGCCC TTIGTCTIGTA 37801 TIGGACATTT GATTICGCTGA TITTAGGCAAG TIGGTICTICCA ACCTATIGTAA 37851 GAAGCATTTG TAGAGCTIGGT GAAAACACAG TICTGGGGTC TATCCTGCTG 37901 ATTICCTGTAG GTCCAGAAGG TCCAAGTGGG GCCCCAGATT TGCATTTCTA 37951 ACAAGCTTGC AGGTATGTCA TTIGCTGGTG TCCAAGAACT GTACTTTGAG 38001 AATCACTGAT CTAGGGCAAC CAACTACCCA GTTTTTGGAG ATTICTTAAC 38051 TGATTTAAAT AACTGGATTA AACTTTAGGA TTIGAAATTCT TIGACCGTCT 38101 CTAATAGTGT TIGTTGGGTTT CCTCCCAGAA GTTTTTTTTGTG ATAGTAATGT 38201 TTAAGTTTTT CAGTTATGTA TAATGGTTCC GAATAAAACT TTAAAAGTGG 38251 CAAATAAATTC TGAAAAAAAG TCACAAGTAA AACAGTTAAAT TAACAATTCA 38301 GAATACAAGT AAGAGTACAG ACATGTGTAT TTCCTAGTTA AGATTGTGGA 38351 CCTGCATGTT TIGTGCTTTTT ATATGTTGTG TCCTCAGTGA TTTTCCCTCT 38401 TCTGGACTGC CGCATAGTGA AGGAAGCTCT GTACTTTTA ACAAAGTTG	37601	TTGAGAGCTA	TTGACCTATA	GGGCATTAGT	TCCTAAACCT	CATTATGCAT
37751 TAATGTTTIC CAAGTGATTT TGAAGCAGCC AGTCTTGCCC TTGTCTGTGA 37801 TIGGACATTT GATTCGCTGA TTTAGGCAAG TGGTTCTCCA ACCTATGTAA 37851 GAAGCATTTG TAGAGCTCGT GAAAACACAG TTCTGGGGTC TATCCTGCTG 37901 ATTCCTGTAG GTCCAGAAGG TCCAAGTGGG GCCCCAGATT TGCATTTCTA 37951 ACAAGCTTGC AGGTATGTCA TTGCTGCTGG TCCAAGAACT GTACTTTGAG 38001 AATCACTGAT CTAGGGCAAC CAACTACCCA GTTTTTGGAG ATTCTCTAAC 38051 TGATTTAAAT AACTGGATTA AATTTAGGGA TTGAAATTCT TTGACCGTCT 38101 CTAATAGTGT TGTTGCGTTT ACCTTCCAGAA GTTTTTTTTTT						
37801 TIGGACATTT GATTICGCTGA TITTAGGCAAG TIGGTICTCCA ACCTATIGTAA 37851 GAAGCATTTG TAGAGCTCGT GAAAACACAG TICTGGGGTC TATCCTGCTG 37901 ATTICCTGTAG GTCCAGAAGG TCCAAGTGGG GCCCCAGATT TGCATTICTA 37951 ACAAGCTTGC AGGTATGTCA TIGCTGCTGG TCCAAGAACT GTACTTTGAG 38001 AATCACTGAT CTAGGGCAAC CAACTACCCA GTTTTTGGAG ATTICTCTAAC 38051 TGATTTAAAT AACTGGATTA AATTTAGGGA TIGAAATTCT TIGACCGTCT 38101 CTAATAGTGT TGTTGCGTTT AACTTTGCA CTCAAGAGAA AATGAATGT 38151 GCTCTTCCAA ACTATCATTT AACTTTGCCA CTCAAGAGAA AATGAATGTC 38201 TIAAGGTTATT CAGTTATGTA TAATGGTTCC GAATAAAACT TTAAAAGTTGG 38251 CAAATAAATTC TGAAAAAAAG TCACAAGTAA AACAGTTAAT TAACAATTCA 38301 GAATACAAGT AAGAGTACAG ACATGTGTAT TCCTAGTTA AGATTGTGGA 38351 CCTGCATGTT TGTGCTTTTT ATATGTTGTG TCCTCGATGA TTTTCCCTCT 38401 TCTGGACTGC CGCATAGTGA AGGAAGCTCT GTACTTTTA ACAAAAGTTG	3//U1	TAATGETTE	CAACTGATTT	TCAACCACC	VCICIOCAR VCICIOCAR	TTGTCTGTGA
37851 GAAGCATTTG TAGAGCTOGT GAAAACACAG TTCTGGGGTC TATCCTGCTG 37901 ATTCCTGTAG GTCCAGAAGG TCCAAGTGGG GCCCCAGATT TGCATTTCTA 37951 ACAAGCTTGC AGGTATGTCA TTGCTGCTGG TCCAAGAACT GTACTTTGAG 38001 AATCACTGAT CTAGGGCAAC CAACTACCCA GTTTTTGGAG ATTCTCTAAC 38051 TGATTTAAAT AACTGGATTA AATTTAGGGA TTGAAATTCT TTGACCGTCT 38101 CTAATAGTGT TGTTGCGTTT AACTTTGCA CTCAAGAGAA AATGAATGT 38151 GCTCTTCCAA ACTATCATTT AACTTTGCA CTCAAGAGAA AATGAATGTC 38201 TTAAGTTTTTT CAGTTATGTA TAATGGTTCC GAATAAAACT TTAAAAATGG 38251 CAAATAATTC TGAAAAAAAG TCACAAGTAA AACAGTTAAT TAACAATTCA 38301 GAATACAAGT AAGAGTACAG ACATGTGTAT TTCCTAGTTA AGATTGTGGA 38351 CCTGCATGTT TGTGCTTTTT ATATGTTGTG TCTCTGATGA TTTTCCCTCT 38401 TCTGGACTGC CGCATAGTGA AGGAAGCTCT GTACTTTTTA ACAAAAGTTG	37731	TIGGACATTE	CATTOCTCA	TITAGGCAAG	TIGGTTCTCCA	ACCTATGTAA
37901 ATTOCTGTAG GTCCAGAAGG TCCAAGTGGG GCCCCAGATT TGCATTTICTA 37951 ACAAGCTTGC AGGTATGTCA TTGCTGCTGG TCCAAGAACT GTACTTTGAG 38001 AATCACTGAT CTAGGGCAAC CAACTACCCA GTTTTTGGAG ATTCTCTAAC 38051 TGATTTAAAT AACTGGATTA AATTTAGGGA TTGAAATTCT TTGACCGTCT 38101 CTAATAGTGT TGTTGCGTTT CCTCCCAGAA GTTTTTTGTG ATAGTAATGT 38151 GCTCTTCCAA ACTATCATTT AACTTTGCCA CTCAAGAGAA AATGAATGTC 38201 TTAAGTTTTTT CAGTTATGTA TAATGGTTCC GAATAAAACT TTAAAAGTTGG 38251 CAAATAATTC TGAAAAAAAAG TCACAAGTAAA AACAGTTAAT TAACAATTCA 38301 GAATACAAGT AAGAGTACAG ACATGTGTAT TTCCTAGTTA AGATTGTGGA 38351 CCTGCATGTT TGTGCTTTTT ATATGTTGTG TCTCTGATGA TTTTCCCTCT 38401 TCTGGACTGC CGCATAGTGA AGGAAGCTCT GTACTTTTTA ACAAAAGTTG	37851	GAAGCATTTG	TAGAGCTCGT	GAAAACACAG	TTCTGGGGTC	TATCCTGCTG
37951 ACAAGCTTGC AGGTATGTCA TTGCTGGTGG TCCAAGAACT GTACTTTGAG 38001 AATCACTGAT CTAGGGCAAC CAACTACCCA GTTTTTGAG ATTCTCTAAC 38051 TGATTTAAAT AACTGGATTA AATTTAGGGA TTGAAATTCT TTGACCGTCT 38101 CTAATAGTGT TGTTGCGTTT CCTCCCAGAA GTTTTTTGTG ATAGTAATGT 38151 GCTCTTCCAA ACTATCATTT AACTTTGCCA CTCAAGAGAA AATGAATGTC 38201 TTAAGTTTTTT CAGTTATGTA TAATGGTTCC GAATAAAACT TTAAAAGTTGG 38251 CAAATAATTC TGAAAAAAAAG TCACAAGTAA AACAGTTAAT TAACAATTCA 38301 GAATACAAGT AAGAGTAACAG ACATGTGTAT TTCCTAGTTA AGATTGTGGA 38351 CCTGCATGTT TGTGCTTTTT ATATGTTGTG TCTCTGATGA TTTTCCCTCT 38401 TCTGGACTGC CGCATAGTGA AGGAAGCTCT GTACTTTTTA ACAAAAGTTG	37901	ATTOCTGTAG	GTCCAGAAGG	TCCAAGTGGG	GCCCCAGATT	TGCATTTCTA
38001 AATCACTGAT CTAGGGCAAC CAACTACCCA GTTTTTGGAG ATTCTCTAAC 38051 TGATTTAAAT AACTGGATTA AATTTAGGGA TTGAAATTCT TTGACCGTCT 38101 CTAATAGTGT TGTTGCGTTT CCTCCCAGAA GTTTTTTGTG ATAGTAATGT 38151 GCTCTTCCAA ACTATCATTT AACTTTGCCA CTCAGAGAA AATGAATGTC 38201 TTAAGTTTTT CAGTTATGTA TAATGGTTCC GAATAAAACT TTAAAAGTGG 38251 CAAATAATTC TGAAAAAAAG TCACAAGTAA AACAGTTAAT TAACAATTCA 38301 GAATACAAGT AAGAGTAACA ACATGTGTAT TTCCTAGTTA AGATTCTGGA 38351 CCTGCATGTT TGTGCTTTTT ATATGTTGTG TCTCTGATGA TTTTCCCTCT 38401 TCTGGACTGC CGCATAGTGA AGGAAGCTCT GTACTTTTTA ACAAAAGTTG	37951	ACAAGCTTGC	<b>AGGTATGTCA</b>	TTGCTGCTGG	TCCAAGAACT	GTACTTTGAG
38101 CTAATAGTGT TGTTGCGTTT CCTCCCAGAA GTTTTTTGTG ATAGTAATGT 38151 GCTCTTCCAA ACTATCATTT AACTTTGCCA CTCAAGAGAA AATGAATGTC 38201 TTAAGTTTTT CAGTTATGTA TAATGGTTCC GAATAAAACT TTAAAAGTGG 38251 CAAATAATTC TGAAAAAAAG TCACAAGTAA AACAGTTAAT TAACAATTCA 38301 GAATACAAGT AAGAGTACAG ACATGTGTAT TTCCTAGTTA AGATTGTGGA 38351 CCTGCATGTT TGTGCTTTTT ATATGTTGTG TCTCTGATGA TTTTCCCTCT 38401 TCTGGACTGC CGCATAGTGA AGGAAGCTCT GTACTTTTTA ACAAAAGTTG	38001	AATCACTGAT	CTAGGGCAAC	CAACTACCCA	GTTTTTGGAG	ATTCTCTAAC
38151 GCTCTTCCAA ACTATCATTT AACTTTGCCA CTCAAGAGAA AATGAATGTC 38201 TTAAGTTTTT CAGTTATGTA TAATGGTTCC GAATAAAACT TTAAAAGTGG 38251 CAAATAATTC TGAAAAAAAG TCACAAGTAA AACAGTTAAT TAACAATTCA 38301 GAATACAAGT AAGAGTACAG ACATGTGTAT TTCCTAGTTA AGATTGTGGA 38351 CCTGCATGTT TGTGCTTTTT ATATGTTGTG TCTCTGATGA TTTTCCCTCT 38401 TCTGGACTGC CGCATAGTGA AGGAAGCTCT GTACTTTTTA ACAAAAGTTG						
38201 TTAAGTTTTT CAGTTATGTA TAATGGTTCC GAATAAAACT TTAAAAGTGG 38251 CAAATAATTC TGAAAAAAAG TCACAAGTAA AACAGTTAAT TAACAATTCA 38301 GAATACAAGT AAGAGTACAG ACATGTGTAT TTCCTAGTTA AGATTGTGGA 38351 CCTGCATGTT TGTGCTTTTT ATATGTTGTG TCTCTGATGA TTTTCCCTCT 38401 TCTGGACTGC CGCATAGTGA AGGAAGCTCT GTACTTTTTA ACAAAAGTTG						
38251 CAAATAATTC TGAAAAAAAG TCACAAGTAA AACAGTTAAT TAACAATTCA 38301 GAATACAAGT AAGAGTACAG ACATGTGTAT TTCCTAGTTA AGATTGTGGA 38351 CCTGCATGTT TGTGCTTTTT ATATGTTGTG TCTCTGATGA TTTTCCCTCT 38401 TCTGGACTGC CGCATAGTGA AGGAAGCTCT GTACTTTTTA ACAAAAGTTG	262V1 70T2T	TTAACTTTT	ACIAICAITI	TAATTCTTTC	CAATAAAACT	TTAAAACTCC
38301 GAATACAAGT AAGAGTACAG ACATGTGTAT TTCCTAGTTA AGATTGTGGA 38351 CCTGCATGTT TGTGCTTTTT ATATGTTGTG TCTCTGATGA TTTTCCCTCT 38401 TCTGGACTGC CGCATAGTGA AGGAAGCTCT GTACTTTTTA ACAAAAGTTG	302UL	CAAATAATTC	TGAAAAAAA	TCACAAGTAA	AACAGTTAAT	TAACAATTCA
38351 CCTGCATGTT TGTGCTTTTT ATATGTTGTG TCTCTGATGA TTTTCCCTCT 38401 TCTGGACTGC CGCATAGTGA AGGAAGCTCT GTACTTTTTA ACAAAAGTTG	38301	GAATACAACT	AAGAGTACAG	ACATGIGIAT	TTCCTAGTTA	AGATTGTGGA
38401 TCTGGACTGC CGCATAGTGA AGGAAGCTCT GTACTTTTTA ACAAAAGTTG	38351	CCTGCATGTT	TGIGCITITT	ATATGTTGTG	TCTCTGATGA	TTTTCCCTCT
38451 TGCACGTATG TCTAGTAATG GCATGAATTG AAGTGATTCA GAATTTCTTA	38401	TCTGGACTGC	CGCATAGTGA	AGGAAGCTCT	GTACTTTTTA	ACAAAAGTTG
	38451	TGCACGTATG	TCTAGTAATG	GCATGAATTG	AAGTGATTCA	GAATTTCTTA

38501 GAACATAGTIG AGCTATIGCTT CCTGATTGTT TCTGTAATCT AAAGGTTATT
38551 GTTTGTAGGA TATGAATACA AAACCTCTGT AGTGTTTGTG TAGATTGTAC 38601 ATGCCTTTTC AGAGGATAGA AGGTTTACAA TCCATACTTT GTGAGAGTGA
38651 TAATGOGTCT TITACAGTGT GCTTACTCTC AACATCTCTA ATCTTTTATT
38701 CCAGGITACT AAGTATITIC CATATCITIT AACTTIGTIC CCATAATGAA
38751 TATGAAAATT GGAAGCACTA CAATAGGAAG TGTTGCTTTC AACCCTTAGA
38801 TCTCACATTA TCTGAGCAGA TAACAACGTT TGGTGTTTGT GATTGGTTGT
38851 GAAGCTTATT TTCAAAAGTT ATATTTTCTT TATAATTAAT TTTTTAGCTA
38901 GAGTGTGGTT TGATATGTCG TGACTTGTCC AAAGAGCTAA TGTTTTGTAG
38951 TTCACCTTTT TAAAGCAAAG AGCAGCTGCA TTTTGAAATG TTTTATCTCA
39001 AATGGGCAAG TTGTTTACAA GCTAGACTCT AACACATCCT GACATTTAGT
39051 GTCTGTGTTT GTATTCCTGC TGGGATTAGG CTGCCTTTCT AATTAATTAG
39101 TTGCATAGCC TTTTATTAAT TCCCTCAAAA TTTATAATGT TTTAAATTAA 39151 CAACATAGAT AAGCATACTG CATTTTTTGG GAAAACATGA AATGTTAATT
39201 ATGTAGCAGT GACATAAGTT TCGTAAACTC TGTTGAATGT TAGAAGATGC
39251 TTACAACAAT GTTTTCCAAA TATAGGGATT TATTATAAAC TTATCCTTCT
39301 AAGGCTGCCT GTGCCATTTC AGGAGAGTGA ATATAAATAG ATCTTGATTT
39351 CTTCAAGAAG TGGACTTAGT CATTFTGTTT ATGGTGAAAG GAAGTATTTG
39401 CTTIGGGTCT CTAAGAATTIG TCTTTAGCAT CCTTGTTAAT TACACATCAT
39451 TTCAACATGT TCTTACCAAA TTCTCAGGCC TTGATAAGGT AGCATAACAG
39501 AACAGGAAGA ATTAAAACTC ATATTTAAAT AATTATTTTG TTATTACAGC
39551 ACTTANATICT GTCTAGTAGC AATACTGAAT CTAATAATTG TAACTTTTTC
39601 TGAGATGGAA AATTITATCT CTTGTCCAGT GTTCTGAGAT ATTITTAGCT 39651 CATTTGTCCC TCCACCCCA ACTAGCTTAC TTTAACAGGG ATTTATGGAG
39701 CATCIGCTAT GTATGTAATA GTCCAACTCT TATGAAAGGT TCTGTTTCTA
39751 ATATTTTTA CTATTTTTIC AATTCTGTCA ACGTTGTTT CTAAGTTAGA
39801 ATTAAAATAT TGATACTGTA GAAATTTGAT ATTTTAAAAT AAAGTCCAGG
39851 GAAATAATGG GACTTATTGC AAAGCTTATG GTGAGCTCTA CATTCAGATG
39901 CTATCATTAT ACTITATCAG CTGATAAACA TTGAGCAAGC TGTTCAACCT
39951 CTTGGGTTTT ATATCCTCAC CAGCTAAGTA GGGATAACAC TATATGGTTT
40001 TAGAGTTCT TATGAGGTTT AGTAATATAG CCTGGCAGCA GTGGTGATGG 40051 TTTATATAGG CCCTTGATAA GTGTCACTTA ATTTCTCCTT TTCTTCTTTA
40101 GCCTCTGGAA AATTGATATT TAAACATTTT CTAAAAATTG TATTTTACGT
40151 ATATTTATIC ATTICTCING TAGAAGCTTG TTTGGATTTT GCCAATTTTT
40201 CTGATATGAA GTGTTCTTGA TTATCCTAGT ATAAAAGATA GGGAAATCTG
40251 GCAGAATCCT TTGCTTTGCT AAAGTAGTGA TTTTCACTGA ATCTGAATCA
40301 GTAAAAATCT TGCCTGTCAG TAAGAATATG CAGACTAGAG ATATGGCTTG
40351 TTTTTGGGTA GCCTCCTTGA CAGATTTTCT TTCTTTTTGA GACGGAGTCT
40401 TACGCTTTTT GCCCAGGCCG GAGTGCAGTG GCGCAGTCTT GGCTCACTGC
40451 AACCTCTGCC TCCTGGGTTC AAATGATTCT CCTTCCTCAG ACTCCTGCGT 40501 AGCTGGGATT ACAGGCATGC ACTACAACGC CTGGCTAATT TTTGTATTTT
40551 TAATAGAGAC GGGGTTCCAC CATGTTGACC AGTTTGGTCC TGAATTCCTG
40601 ACCTCAAGTG ATCTGCTCAC TTCAGCCTCC CAAAGTGCTG GGATTACAAG
40651 CATGAACCAC TGTTCTGGCT GACAGATTTT CTTGCTGAAC TTTGGGTCAT
40701 CCCAGATGTG AGTTCGCTGT AGGCGTGTCA TAGAGCAACA GTAGTAGGAA
40751 TACAAGTTAA ATTGATGTAT ATGTCATGAT AATCAGTCCA ATTCAGTGGT
40801 CCCCAACCTT TCTGGCACCA GGGACCGGTT TTGTGGAAGA CAGTTTTTCC
40851 ATGGACCTGG GGTGAGAGGG TGGGGATGAT ATCCGGATGA AACTGTTCCA 40901 CCTCAGATCA TCAGGCATTA GATTCTCATA AGGAGCAGAC AACCTATTTC
40951 CCTCACGTGC ACAATTCACA GTGGAGTTCA CACTCCTAGG AGAATTAATG
41001 CTACTGCTGA TCTGATAGGA GGCGGAGCTC AGGTAGTAAT GCTTGCTCGC
41051 CTGCTGCCCA CCTCCTGCTG TGAAGCCCAG TTCCTAATAG GCTAGTACCA
41101 GCCCATGGGC CATTGGTTGG GGACCCCTGC TCTAATTAAT GCATTTTACA
41151 AGGGACGTAT TATTGTAGCT AGATAAATAA GCAGTAATTT TGCAGCATAT
41201 TTCATAAGGC AATGAATTTT CTCCTCTGTT TTATAATTCT AAAATGTAGT
41251 TATAGAATGT TATATTIGIG ATATTGGGAT TIGICCTACT GIGTAAATAT
41301 TATGGATATT ATATAGAGAT GGAATTATTT TTATCAGTGA AGTGGGTATT 41351 TTAGTATTAC TTTTGCTACT CATTTGAGAT GACTGGAACT GAATGGTTTG
41401 TTTCAGAAAA AGAGGTGGTA GTTTTGATTC TGTTTAAGCT CTAAATGACA
41451 TATACTATTT ACTITICATED TAGAAGATTT TOTGGGTTGT TTTGCCAAGA
41501 CTATAAAAAT ATAAAACTTG AGGAAAGGTT TTCTTTCTAA TTAAAACAAT
41551 CACAAAAATA AAACCAGGCT ATCTAAATAA AAGTTATTTC TGAGAGTTAT
41601 TCTTGATTCT TTTTTCTCTT ACTCTTTTTT TATCTAATCC TGTCAGCTCT
41651 GTTTCATAC TTATTCAGAA TTTGACCTCT TAAAAAAATT AACTACTTTC
41701 ACTIGCTATAC CACAGTTCAC ACCATCATCA GCTCTTGTCT GGACTATTGA
41751 AATACCTTCT TCCTGCCTAC TGTTTCTTTT TCACCTCTCA TCTATCTTTA 41801 TTTTTTACAT TGTCTAACTT GGAAGACTTT GAATTATAGG TTTTGAAGAT
41801 TTTTTTACAT TGTCTAACTT GGAAGACTTT GAATTATAGG TTTTGAAGAT 41851 GAGGACAGGT CTAGGTTAGA GATATGGACT TGGGAGTTGT TAGTAGTTAA
41901 CATGGTGAAG CTGTAGAAAG AATGAAATCA CTAACAGAAG GTGAGTAGAG
41951 TTCCTTCACT CATTGAGCCA GGTACTGCAC TAGATGGTGG GGCTACCTCA

42001		TACACTERCO	CTCTCTCCTC	******	CACTEACACC
42001 42051	COANTICAAC	AGTATATAAG	CTCTCTCCTC	TACAGIGIGI	TGGGTGTTAT
			CAGAATGCTA		
42151	GAAATACTGT	CATTCAAAGG	TIGGGTIGIT	<b>AAAAAAATATT</b>	TGGTATAGGA
			GATGGGAAGA		
42251	TCAGATGAAA	TGAGGTAAGC	ACTCAGTGAG	GAAATAATGG	GTATTGGTTC
42301	ACACTCATIG	AGTACTIGGA	TTATGTCAAC CTCACAGCAG	CACIGITIGA	AGCACCIIGI
			TGTCAGATTA		
42451	ACAGGTAATA	AATAGTGGAA	CTAGGATCAA	CAGIGITGAT	CACAGTAGAG
42501	ACCACAGTTA	CATAAAGTGC	TTAGTTCCCT	<b>ACTTGGGAGG</b>	TCATGGGAGT
42551	GTGGAAGAGA	GACATTCTAG	TEGTGTCTTG	TGCCTAGCTG	CTGGATTGCA
			TTGAGAGTTG		
			TGTTGATGTA		
42/UL	CTCATCCCTC	CCTCTCTCCA	AGGGATAAAT GTAAAAACCA	ANTOTACTA	TATTICITIA
42731	TTATTTTCT	GITACTICITY	CTCTTACCTG	GCCCTGACT	TAGTCTACCC
42851	AGCTGTGAAT	CTTCAGCTTC	TCTTGGCATA	CAAATTGTAC	TCTAATCACC
42901	TTTTTCAAA	TAACAAAAAC	AAAAACAAAA	CTCAGTATTT	TAGTAAGGTT
42951	GTTAAGCCAG	GTAGGTAAAT	AATGAAATAT	GAAAAATTTG	AAAATGGAAA
43001	CTGTATTTAG	GGCAGTTTGA	AACCTAGGAC	TGGTGAAGTG	AATTAATCIT
43U51	GAIGITITAC	AACIAIAGGI	TGGTGCAAAA AGCACTTCGG	GACCCTCACC	CCCCTCCACC
43151	ACTTGAGGTC	ACCACITICA	GACCAGTGTG	GCCAACATIGG	TGAAACCCG
43201	TCTCTACTAA	AAATGCAAAA	ATTAGCCGGG	TGTGGTGGCA	CATGCCTGTA
43251	GTCCCAGCTG	CTTGGGAGGC	TGAGGCACAA	<b>GAATTGCTTG</b>	AACCCAGGAG
43301	GAGGAAGTTG	CAGTCAGCCA	AAATCATGGC	ACTGCACTTC	AGCCTGGGCA
			AAAAAAAAA		
43401	CAACTAGAAT	AGAATAATCG	ACTACTCTTT AGAGACTATG	CAGAGATAAT	MAACTCAACC
4343T	ACTIVATION	ACAGATGAGG	TGGCTCAAGG	TTCAGATCTG	GAGACAAATG
43551	TECCTTCCAC	AGTGCCATTA	CCTTTAAAAG	CAACTITIGA	AAGTGATAGA
43601	GGGTTTGGAA	TAGACTGGCT	CCTTTGATCA	GTTTAAGTTA	CAGCAGTCAC
43651	TTATAATATA	AATAAGGTGA	GAACTACAAT	AACCTTTAAG	GATATTCTAT
43701	TTGATTTTT	AAAAATTTAT	TTATTAATGG	GCAGTGAGAA	ATGAAACTTT
43751	CCTAGTGGTA	CAGCAAGTGA	TACTTAGCAC	CITGICIATA	CITAATACAG
4380T	AGIIGAGGGA	GAAAGTACAT	TCCAAATAAA TTTAAAAAAA	GCAGACTTAG	ATTTTTTTA
43901	TACTTGCTTT	GITTICATAT	ATGTGAGTAT	ATCATTAGCA	AATTITATGC
43951	TCAACTTTTA	GAATTTAAAT	ATGAGATCCA	GATGTCCAAG	TTTTATGTTA
44001	CCTTTTCATA	TAATTAAGTT	TCTGTAGGCA	<b>GGTAGTAATT</b>	CTAAAAGGGA
44051	TIGITAACIT	CTCTGATCAG	TTTAATTTTA	TIGITAGIT	CTAATGAAGG
			AATAACATAT		
			AACATGGGGA TGAAGAGCAT		
44251	TGTCCAGAAT	TIGITATATT	GAAATATTGA	TGTAGAGCTT	GAGGTGGAGC
44301	AAGTCATATA	CAAGTCATAC	GTTGGAAACA	GIGIGITGAC	ATTTGGCTCT
44351	CTAAAGCATT	TTGCCTTTTC	TTCCCTTCAA	<b>GGTATCTTGT</b>	TTTCCAGTCT
			GAAAATAAAA		
44451	ATTITIGIT	GAATTAGCCA	CACCTCTTTT	TIATTICAAA	ATIGIGITIC
			CTGCATTTGC GGAAATGTTG		
44601	TTCCTTGATG	TACATGIGIC	CATTIGLICE	TCTAGTTAAT	TGTCTTCAGG
44651	TTTCTAAAAA	<b>TATATGTATT</b>	TTAAAAATT	TAATCTTTCA	TTATGGGTTC
44701	CAGTATGGCC	TTATTAGAAA	TGGTGATGGC	CAATAATITA	AACTTAGCAT
44751	CATAGAATTT	TAAGTTATTT	AAATTTGAAT	AATTAGACAA	AATACATTIT
44801	ATCTTTCA	TTTAATAAAT	GAGGTAACTG GCTAGTTAAT	ATGGCCAAAA	GGGCTAAGTC
44001	GGATTIGGTTG	CATTACTATT	ATAGCTCCAA	GGATCTTTAA	TTTCTGTAAG
			ATTTAATTCA		
45001	TTACATGTTA	TTTTCAAGAA	TAGCATTIGI	TGTGTAAAAT	AGGATACGTT
45051	TATATAGAGT	CCAGAATCAA	<b>TACTTCAGAG</b>	TGGGAAAGAA	TCTGAAGGCC
45101	TGTGGCAGGG	GTCTCCAGGA	TCTCTCACGT	TTTTATAGCT	TTTGCAAATC
45151	AGTAAACTTA	CCTATTGTTC	TTTTCTCCTT	TAGACTICC	CACCATACTT
452UL	TITAAACATC	CALACCIACA	AACGAAGTAA TGTATAAGAC	TGAACTICTOC	ACACTTACCA
45301	TTTATCTT	TATTATTCTA	TAGGGCCTCC	TAATCICTAA	AGCGCTATGC
45351	TCATTCTTGT	CTCTATTTAT	ATGCTGTTCC	CCCTGCTTGG	AATAGTCGGC
45401	TGCCTCTTTG	GCCCCAATTC	CCATTTTATC	<b>AGGTTAACAT</b>	CGATTCACTT
45451	TTCAGGGCTA	ATTACTTGAA	CTTAGATATA	TGTTCAGTT	TTTCATTTGT

## FIGURE 3M

45501 GAAATAAAGG AATGTACTAA ATGATTTCTG TGAGAGTCAT TAGGTAAACT
45551 AATCCTTCCT GAAACTGAGT TCGATGTTCC TGACGTGTTT TTGTGCCACT
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45651 TATGATGTAT CTCTCCTATT AGACTGTTAG CTGTGAGAGA TTGATTTGCC
45701 TICTIGIGIA CCCTCATATG TAAGAGCTCA GTACAATIGI TTAATGAAGT
45751 AATTATGTCT AGGAGGTTCT TGTTGAATAT TTTGAGTGAA TAGATGAGTT
45801 AATATTGAAA AGAGTGCCCA TGAAAGAGTA ACTCCTGTGG TCAATGAATA
45851 TATCTTCTCA GTGGCTTTAT GATATAATAA TACTTTAATT GCTTTCCTTT
45901 AACATGAATT GTAACTGAAT TGGCAAGAAA TACAAGAACA GGGGTTCCAT
45951 TACTGAGAAC TATTTTTAAA AAATATTTTC AAAACCAGTT CGGTGCAGTG
46001 GCTCACACCT GCAATCCTAG CACTTTGGGA GGCCAGGCCA
46051 TIGAGGCCAG GAGTTIGAGA CCAGCCTGGG CAATGTAGCA AGACTCTGTC
46101 TCTAAGAGAA ATAAAATTAG COGGTGGTGG TAGTGTGTGT CTGTAGTCCT
46151 AGCTACTTGG GAGGCTGAAG TGGGAGGATT GCTTGAGTCT AGGAGTTGAG
46201 GCTGCAGTCA GCTATGATTG TACCACTGCA CTCCAGCCTG GGTAATAGAG
46251 CAAGACCTTG TCTCTTAAAA AAAAAATCAG AGTAACGGCA TGTAAAAAAT
46301 GCTGTTCTCT CTCCTCAAGT TTTGTTTTTC TTCTTTAGTC ACCCTGCCTT
46351 TCATACCAAC CATATTCGTT TGTATAAAAT ATTCTGGCAA ATCAAAACTC
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46451 TTGCACACTA GTCAGCTTAT AAATATGTCC TGCAATGATT CTGAGCCTGA
46501 TCAGGATTIC TGTATAGAAA ATTCCCAAAA CTGTTTTTAT TATTTTTTTA
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46601 TCAAGTGATC CTCCCACCTT GGCCTCCTGA AGTGCTGGGA TTATAGGTGT
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47701 GCAGTATTTC ATTGTGGTTT TAGTTCCCTG ATGACTGAGT CTGAGTACTT 47751 TTTATATTTG AATTGACCAT TTAGATGTCT 47801 AAGTATCTAT TCAATTTTCC TGTAGGGTTA CTTTTTAAAA ATATATTGAT 47851 TTGTGGAAGT TATTAATATA GCTTAGTTGT GAGACCTTTG TTAGATATAT 47901 GTATTTTAAA TATCTTCTAC TCTGTGGCTT ACATTTTTAT TCTCTGTAGT 47951 ATCTTTTTTGA GGAACAGAAA GTTTATAATT 48001 ATTGATATAA AGGATCCAGT TCATCAGTCT 48051 TTTTGTAGCT AGCTTAAGAA ATCTTGGTCA AATCTACTGT TAGGTATATT 48101 TTCTCTTACC TTCTTGATGC TTTTTATTTTTTTTTTT
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47701 GCAGTATTTC ATTGTGGTTT TAGTTCCCTG ATGACTGAGT CTGAGTACTT 47751 TTTATATTTG AATTGACCAT TTAGATGTCT TTCTTTGTGA TGTGCCTGTC 47801 AAGTATCTAT TCAATTTTTC TGTAGGGTTA CTTTTTAAAA ATATATTGAT 47851 TTGTGGAAGT TATTAATATA GCTTAGTTGT GAGACCTTTG TTAGATATAT 47901 GTATTTTAAA TATCTTCTAC TCTGTGGCTT ACATTTTTAT TCTCTGTAGT 47951 ATCTTTTTGA GGAACAGAAA GTTTATAATT ATATATTTAT TATAATATAT 48001 ATTGATATAA AGGATCCAGT TCATCAGTCT TTTCCTTCGT GCTGGTGAT 48051 TTTTGTAGCT AGCTTAAGAA ATCTTTGGTCA AATCTTGTT TAGGTATATT 48101 TTCTCTTACC TTCTTGATGC TTTTATTGTT TTCCTTTGT TAGGTATATT 48201 ATGACCATCA ATTTCTGCCT TGCTTCTGTG TTACCTTTGT TGTTGCTATC 48201 ATGACCATCA ATTTCTGCCT TGCTTCTGTG TTACCTTTGT TGTTACATAAA 48201 ATGACCATCA ATTTCTGCCT TGCTTCTGTG TTACCTTTGT TGTACATAAA 48351 AAGTCATAAT TTCTGGAGGG TAAGTGATAT TTTTTTAAAA AAATGGTCTT 48401 CAAAATTTTC TTGACTATTG TTGGCACTTT AAATCTTTCA GCCTTATAAA 4851 AAATCAATGT GTGGGGTTCT TCCTTCTCC CACACAGTAA ACTGGCTTGC 48501 ATTTTGATTG GAATTATTAA GTCTTTCAAT AGATTCCTT AGATTTTTT 48601 AGATTTTCCT TAATTTCCT CCAGGTAGTT TGGTACTTT AGATTCCTT AGATTTTTT 48601 AGATTTTCCT TAATTTCCT CCAGGTAGTT TGGTACTTT AGGTACTTT TAGTTTTTTTTTT
47701 GCAGTATTTC ATTGTGGTTT TAGTTCCCTG ATGACTGAGT CTGAGTACTT 47751 TTTATATTTG AATTGACCAT TTAGATGTCT TTCTTTGTGA TGTGCCTGTC 47801 AAGTATCTAT TCAATTTTTC TGTAGGGTTA CTTTTTAAAA ATATATTGAT 47851 TTGTGGAAGT TATTAATATA GCTTAGTTGT GAGACCTTTG TTAGATATAT 47901 GTATTTTAAA TATCTTCTAC TCTGTGGCTT ACATTTTTAT TCTCTGTAGT 47951 ATCTTTTGA GGAACAGAAA GTTTATAATT ATATATTTAT TATAATATAT 48001 ATTGATATAA AGGATCCAGT TCATCAGTCT TTTCCTTCGT GGCTGGTGAT 48051 TTTTGTAGCT AGCTTAAGAA ATCTTGGTCA AATCTTCTTT TAGGTATATT 48101 TTCTCTTACC TCCTTGTTC TCACTTTTTT TCATATAGAT GTGTTATACC AGTTATTGAA 48201 ATGACCATCA ATTTCTGCCT TGCTTCTTGTG TTACCTTTGT TGTGCTATC 48151 TCAAGGGTTT GTGTTCATTT TAGATTCTCT GCTCTGCCTC AATGGTCTTT 48301 TATCCTTGTC CACAATACTG AAATGTCTTC GCTCTGCCTC AATGGTCTTT 48301 TATCCTTGTC CACAATACTG AAATGTCTTC AATACTTTCA GCCTTATAAA 48351 AAGTCATAAT TTCTGGAGGG TAAGTGATAT TTTTTTTAAAA AAATGGTCAT 48401 CAAAATTTTC TTGACTATTG TTGGCACTTT GCATTCCCAT AGAAGTTTTA 4851 AAATCAATGT GTGGGGTTCT TCCTTCTCCC CACACAGTAA ACTGGCTTGC 48501 ATTTTGATTG GAATTATTAA GTCTTTCAT CAATTTGGAG AGATTTTTTTTTT
47701 GCAGTATTTC ATTGTGGTTT TAGTTCCCTG ATGACTGAGT CTGAGTACTT 47751 TTTATATTTG AATTGACCAT TTAGATGTCT TTCTTTGTGA TGTGCCTGTC 47801 AAGTATCTAT TCAATTTTTC TGTAGGGTTA CTTTTTAAAA ATATATTGAT 47851 TTGTGGAAGT TATTAATATA GCTTAGTTGT GAGACCTTTG TTAGATATAT 47901 GTATTTTAAA TATCTTCTAC TCTGTGGCTT ACATTTTTAT TCTCTGTAGT 47951 ATCTTTTTGA GGAACAGAAA GTTTATAATT ATATATTTAT TATAATATAT 48001 ATTGATATAA AGGATCCAGT TCATCAGTCT TTTCCTTCGT GGCTGGTGAT 48051 TTTTGTAGCT AGCTTAAGAA ATCTTGGTCA AATCTACTGT TAGGTATATT 48101 TTCTCTTACC TCCTTTTTT TCATTAGAT GTGTTATACC AGTTATTGAA 48201 ATGACCATCA ATTTCTGCCT TGCTTCTGTG TTACCTTTGT TGTGCTATC 48151 TCAAGGGTTT GTGTTCATTT TAGATTCTCT GCTCTGCCTC AATGGTCTTT 48301 TATCCTTGTC CACAATACTG AAATGTCTTC ACATTTTCA GCCTTATAAA 48251 TCAAGGGTTT GTGTTCATTT TAGATTCTCT GCTCTGCCTC AATGGTCTTT 48301 TATCCTTGTC CACAATACTG AAATGTCTTC ACATCTTCA ACAGGTCTTT 48401 CAAAATTTTC TTGACTATTG TTGGCACTTT GCATTCCCAT AGAAGTTTTA 4851 AAATCAATGT GTGGGGTTCT TCCTTCTCCC CACACAGTAA ACTGGCTTGC 48501 ATTTTGATTG GAATTATTAA GTCTTTCAT CAATTTGGAG AGATTTTTA 48601 AGATTTTCCT TAATTTCCCT CCAGGTAGTT TGGTAGTTTT AGGTTTTT TTGTAGTTTT TTGTAATCCA TGAACTTCTT AGATTCCTTC ATTTTTTTTTT
47701 GCAGTATTTC ATTGTGGTTT TAGTTCCCTG ATGACTGAGT CTGAGTACTT 47751 TTTATATTTG AATTGACCAT TTAGATGTCT TTCTTTGTGA TGTGCCTGTC 47801 AAGTATCTAT TCAATTTTTC TGTAGGGTTA CTTTTTAAAA ATATATTGAT 47851 TTGTGGAAGT TATTAATATA GCTTAGTTGT GAGACCTTTG TTAGATATAT 47901 GTATTTTAAA TATCTTCTAC TCTGTGGCTT ACATTTTTAT TCTCTGTAGT 47951 ATCTTTTGA GGAACAGAAA GTTTATAATT ATATATTTAT TATAATATAT 48001 ATTGATATAA AGGATCCAGT TCATCAGTCT TTTCCTTCGT GGCTGGTGAT 48051 TTTTGTAGCT AGCTTAAGAA ATCTTGGTCA AATCTTCTTT TAGGTATATT 48101 TTCTCTTACC TCCTTGTTC TCACTTTTTT TCATATAGAT GTGTTATACC AGTTATTGAA 48201 ATGACCATCA ATTTCTGCCT TGCTTCTTGTG TTACCTTTGT TGTGCTATC 48151 TCAAGGGTTT GTGTTCATTT TAGATTCTCT GCTCTGCCTC AATGGTCTTT 48301 TATCCTTGTC CACAATACTG AAATGTCTTC GCTCTGCCTC AATGGTCTTT 48301 TATCCTTGTC CACAATACTG AAATGTCTTC AATACTTTCA GCCTTATAAA 48351 AAGTCATAAT TTCTGGAGGG TAAGTGATAT TTTTTTTAAAA AAATGGTCAT 48401 CAAAATTTTC TTGACTATTG TTGGCACTTT GCATTCCCAT AGAAGTTTTA 4851 AAATCAATGT GTGGGGTTCT TCCTTCTCCC CACACAGTAA ACTGGCTTGC 48501 ATTTTGATTG GAATTATTAA GTCTTTCAT CAATTTGGAG AGATTTTTTTTTT

49001	CAGAGCAACT	TCCAGTCCTA	TAAGCCTCAT	TCATGGTAAG	TGCCCACACA
	TTTTCTATGT				
49151	TGGTACTGAG	TATAGTAACA	TGCCTTACAG	GITIGIAGOC	TIGCIGIATA
49201	GTAGGCCATA	CCATCTAGAT	TTTCATAAGT	AGACTCTTTG	ATGITTICCAC
49251	AATGATAAAA	TCACATAAAG	<b>ACACATCTCT</b>	CAGAATGTAT	CCCTGTCATT
49301	AAGCAATGCA	TGGCTGTATC	TAGAAAAAGT	AAAAAAAAA	TITITITI
49351	TTTTTGAGAC	GGAATCTCAC	TTTGTCACCC	AGGCTGGAGT	GCAGTGGCAC
49401	GATCTTTGTA	AATCTTTTAT	ACTGTATTTT	TACTGTACCT	memic
49451	TATGTTTAGG GTATAGTAAC	TATACAAATA	CCATTGTGTT	ACGGTTACCT	ACAGIATIGA
495UL	CATATAGCCT	ACATICTATAC	TACCCCATAC	CATCTAGATT	TISTATAAGTA
49331	TACTCTATAA	TGTTTGCACA	ATGACAAAAT	CCCATAAAGA	CACATCTCTT
49651	AGAACGTATC	CCTGTCATTA	AGCAACGCAT	GICTGTATCT	AGAAGAAGTA
49701	AAAAAAAATT	TTTTTTGAG	<b>ACGGAGTCTT</b>	<b>GCTTTGTCAC</b>	CCAGGCTGGA
49751	GTGCAGTGGC	ACTATCTCAG	CTCACTGCAA	CCTCTGCCTC	CCGGGTTCAA
49801	GCAATTCTTG	TGCCTCAGCC	TCCCAAGTAG	CTTAGTAGGG	ACAGGGTTTC
49851	ACTATGTTGG GCTTTGGCCT	CCCAATACAA	CAIGAACICC	TELETICIAN	CACTICICALIT
	ACCTACCTTG				
50001	AGTGGCTTAT	ACCTATAACT	CCAGCACATT	GGGAGGCCAA	GGTGGGAGGA
50051	TCCCTTAAGC	CCAGGAGCTT	GAGACGAGCC	TGGGCAACAT	AGTGGGACAC
50101	CATCTCTACA	GAAAATTTAC	<b>AGAATAGCTG</b>	AGCGTGGTGG	TATGCACCTG
50151	TAGTCCCAGC	TACTTGTGAG	GCTGAGGTAG	GAGGATTACT	TGAGTGTGGG
50201	AGGTTGAGGC	TATAATGAGC	TGAGATTGCA	CCACTACACT	CCAGACTGGG
50251	TGACAGAGTG TAGTGTGTAT	AGACCCIGIC	TICACTITIT	TATCTATCAA	TTATCTTATA
2030T	GITTICTATG	TATACATTIC	ΔΑΔΤΑΔΤΓΑΓ	TTTTAAATTT	TATTTIGLIC
50401	AACTCTACAC	CTATICTTIG	TCTTCCTTGA	CTTACTATAC	TACATAGGAC
50451	CTCTGACAGT	ATTTAATAGA	<b>AGTGGTAACA</b>	<b>ATAGTAATCC</b>	TTATCTCATT
50501	CITGATTTAA	TAGAAAGTTT	<b>ACAAACTGTT</b>	ACTTAATATT	AAGAATTTTT
50551	TTIGITGIAT	GCGTGATAAG	GAGGITTGTA	TCTATTCCTA	GCTTTTAAAA
50601	AAATATAATT	AATGATATTT	TATCACATTT	CTACATTTAT	TGAGATAGTC
	ATATGAACTC AAATGTTACA				
50751	TITGTAATTC	TTTTAATGT	ATTGATCTTT	TEGCTEATET	TTIGITTIAAG
50801	ATATTIGCAC	CTATGTTCAT	GAGAGATTGA	CCIGIAATTT	TTTTCCTTG
50851	TAATGTCCCT	TTAAGATTTG	AGGAGCAAGA	TTATGCTACC	CTTGTGAATC
	AAGTTGGGAA				
50951	TATTCATCCT	TAAGTATTTG	GTGACATTTA	TCAGTGAAGC	CATCTGTACT
51001	TAGAATTTTC	TCTGTAGGAA	AGGITTIAAT	TATAGATTA	TACTITICS
21101	TATCTATTGA	TOCCOTAGAA	ACTIGITICAT	TTTATCTACA	TTTCAAATTA
51151	TTTGGCATAA	AGITATICCI	ACTATCCTCT	TATCTTTTA	ATGGCAGTAG
51201	GTTTGTAAT	GATGTCTGCT	TTTTCATTCC	TAGTATTGGA	AATGTGTCTC
51251	TICICICATT	TTCAGACAAC	CAACCTTTGG	CTTTACTGGT	TACTTTTTT
51301	AATTGTGCAT	паппсп	CATTATTTCC	стостистт	TTICTTITAG
51351	GTTTAATTTC	παιτικί	AATTICTTAA	GATGAATGCC	TCACTGACTG
21401	TCAGTCTTTT	ACCACCATIC	TACAGATITE	CATATTATAT	TIGIATTATT
51501	ATTCAGTTGA	AAAAATTCAG	TTTCATIGT	GATTTTTTT	GAGCCATGAG
	TTATTTAGAA				
51601	ATTTTTIGT	TACTGATTTT	GITATTCATT	CTCCTGAGGT	CAGAGAACTA
51651	TACTITATGA	TTTCAATCCT	TGAGTTACAT	GGAGAGTTGC	THGIGICCT
51701	AGCATAGGGT	CAGTTTTGGT	AGATATTCCA	GGTATGCTGG	AAAACAGAGT
	TATTITATTA GAGTTAACTT				
51851	AAAAATTTTG	CCTAATAACG	GAAGTATGTT	ALCITCIAIA	GGCAAGGTCT
51901	GITICICCAT	TIAGTICIGI	TTACTTTIGE	TITATGIATT	TTGAATTTTG
51951	TTATCAGGCA	TGTATTAATT	TAGAATTTTG	TATATICITG	GTGAATTGAC
52001	CCTTTTATTA	CCCCGAGTGT	CTGGTGATGC	CICITACTTA	ATGCCTATTT
52051	GATAGTAGAT	ATAGGTGCGC	TGTTATCCTT	CCATGTATAT	TICATICIGT
52101	GTATATTIGC	ATAGTATTCC	CACTTOTATO	CACCOTALAT	CCTTTGTATA TGGGGTTTTA
25727	TICHAIAH TATTTTAAT	CONTRACT	TIGICATICAL	TTAAATTCAA	GTACTTAATA
52251	CATTTATATT	TAGGGTAATA	TCTTAAAATA	CTTAGGTTTA	ATGTAGTTCC
52301	TTATTTGCCC	CACTTGTATG	TTTTTTCC	тытт	TTCATTCTTT
52351	TGGAATAGGC	AAGTATTTT	ATTATTTCAT	CCTCTTCCCA	пистп
52401	AGTTAAACAT	TTTAACTTGG	CCTTTAGTGA	ATATCCTATG	TTIGICICCT
52451	TGGCTTATTA	GGGGCTAGTA	IGCAITGCAA	ACATTGCAAC	AGATGTTTAC

					_
52501	TTATTATTIG	<b>GGTACATTAA</b>	GTGGCTAT	GTTTATTACA	GAATCAGTCT
52551	TTGTACTITA	CTTTTTTGGA	GACAGGGTCT	CACCTGTCAC	CCAAGTTTAG
2560T	TGACTGAGTG	CAGCAGCATG GTCATTGCGT	AIGAIGGCIC	ACIGOGICI	ATCCCACCAA
25201	GGCTCAAACA	TTTTGAAAT	TITITAGAG	ATGAAGACAC	ACACTETIC
22/UT	CACCCTACT	CTCGGACTCC	TOCATOCAAG	CHICAGO CHIC	CTCTCACCCT
22/27	CCCAAACTGT	TGGGATTACA	ACTICICACIC	ACCETTCCCA	ACTIGIACIT
		TAACTTTTGA			
52001	CTCTCTCTCA	GITACTATIT	TCTTTATG	TTCAGAGGAG	TEGAGATTIT
52951	ATTCACCTTA	AATTCTGTAG	TTIGTATTAG	AAATAATAGA	GATTITGITA
53001	TTTTATAAAT	ATGITTATAT	TATAATATTA	AATATACTIT	TAAAAACCAC
		TGTTTCTAG			
53101	TTTAGTGTCA	GATTTTATGT	TTGCATGATA	TTAAAAAAA	GTGGCAGGAA
53151	<b>AATTACTAGA</b>	CCATTTTCCC	TGTTTCAGTT	TITCIGICIC	AGTAGGGTGA
		CCAAATTAGA			
53251	<b>GGCATTGAAG</b>	TATTTTGATT	ACATCCATTT	ATGTTAGATA	TTTTAGGAAC
53301	AGCTTAAATT	TTCCCAGGCC	ACAAGGTACT	GTTTGATACA	ACATGGCACT
53351	GCATAGATAC	TCCTCAACTT	ATGATGGGGT	TATGTCCTGA	AAAAACTAGT
53401	GAGTCAAAAT	ATGTGTGG	CTGACTTGGA	ACTGTAGCTT	GCTGTGGCTG
53451	CCCAGCGTTG	CAAGAAAATT	ACTGAATTCA	TATIGCITTI	GIACCATIGI
23201	AAAGTGGAAA	ACTOTTTT	TITIGAGACG	GAGIIIIGCI	ATTATIGCCC
2322T	AGGCTGGAGT	GCAATGGTGC GATTCTCCTG	CATCICGGCI	CCAACCACCT	ACCATTACAC
		CCACACCCGG			
2303T	TTCTCCATCT	TOGTCAGGCT	CIACITICANC	TETTEATETE	ACCTICATION
53751	CTICCCTICC	CCTCCTAAAG	TIGGIGGATT	ACAGGCATGA	GCCACCACAC
53801	CTCCCCATAA	AGTTGAAAAG	TCTTAAGTTG	AATCCTAAGT	CAGGGACTIGT
53851	CTTTATCACT	GAATATITT	TAATGCTTCT	GCTCCATTTA	ACTAATGAGG
53901	ATGTCGAGTA	GTAAATCGAC	CCAATTTATC	ATCGTCTTAG	TCCAGTTTCT
53951	<b>GCTGCTATAA</b>	CAAAATACCA	CATACTTGGT	AATTTACAAA	GAACAGAAAT
54001	TTATTTCTCA	CAGTTCTGGA	<b>GGCTGGAAAG</b>	TCCAAGATCA	AGGTGCTGGC
54051	AGGTTTGGGC	TCAGTCTCTT	TGCATCCAAG	ATGGTGCCTT	GAATGCCATA
54101	TTCTCTAAAG	GGGAGGAACG	TIGIGICCIC	ACATAGCAGA	AGGGTAAGAA
54151	AAAGGGCAAG	CCTTTCTTAT	AGCTGTATTA	ATCCATTCAT	GAGGCTGGAG
54201	ACACCTCTCA	TTAGGCCTCA	CCTCCCATCA	GIGIGICATT	AGGGATTAAG
54251	TTTTAACATG	AGTTTTGGAG	GAGACAAAAA	CATTCATACC	ATAGCAAACA
54301	TAAACATGIC	AAGAATTGTA	AAGGGICIGA	GATTTIACIC	IACITIACI
		AAATTTIGTG			
		CATAATTAGC			
24401	TATACCCTTC	CATCACAGTA	CCCCACCCTT	GAATTETAGA	ACCTIGAATICT
54551	TITATAATIG	ACAGTAAGCA	TGTCTATCCT	TIGCTITIGGA	GAGAGACACT
54601	папас	GCATACCAAC	ATCCTTTAAA	AGATAGTCTT	GAACAGAGGC
54651	AGTCAGTGAT	TTTACTCTCA	AGCAGAAGTG	CAAGAGATGT	GAAGAACCAT
54701	CTTTCAGCAT	TTTGGAAGGC	AGATAAAGCA	AGTGGGTATT	TGTAAGATGT
54751	CCTAAAGAAG	TGACTTGCTG	TCTTTAGGAA	GCAGGGGATC	TATTTTTGGA
54801	GIATGITTGT	ACTATTCACT	GCTTTTCTT	<b>GGTAGAGAAA</b>	GATACTCAAC
					CTTCTGTTTA
54901	TATATAAAAG	TTCAAATAAG	TGAAAACAAA	ATGATGGAGT	<b>GGTATCATTT</b>
54951	TAATTTAGTA	AAAATGTATT	GAGGTATAGT	GTTTIGAACA	AGAAAGGTTA
55001	AAAAATCATG	GGAGCTAGCT	GGTGTTCCAG	GATAACTTIA	GATATTCAGA
2202T	CIGGATTICI	GAGAGAICIC	ACACCATATA	CTCACTTACT	GTGGAATTTT GTCTTCTAGA
22101	CTAAACCTCC	TCACACATCA	ACCCCTCTA	AATCTCACAG	CCTGATGGAG
22201	ACCACATTCA	CTCTTCTCAA	TGTTTAAATT	TCAAGCAAAT	AGCAAAGACA
55251	AAGAACTTAG	TATETAACTT	CTCAAGTCAG	CATGGTATCT	TTGAATTTAT
55301	TTTGGATCTC	TCTAAATTTG	ACTITIGITICA	CTATCTTCCT	GGCTGCTTTA
55351	GTACCITTIA	TTCTACGTCA	TCCTAGTTTT	TCTTTCCCTT	TTAAAACATC
55401	<b>GITCIII</b>	<b>ATGCTATTCA</b>	ATTGATGGGC	TTTCCTAAGA	TTGAGCCTTC
55451	TACACTTATT	CCTCCATCCC	TGACCCCTCA	CTAGCCTCCC	CTTTTAGATC
55501	TCTCCCTTGC	TATAATATCA	AATCTTACAT	<b>GTATGCACAT</b>	CACTCTGAAG
55551	TTTGCTTCAC	TCTTGTATTT	CAAAATCACA	TTTCCAACTG	CCACCTGAAT
55601	GTTGCTTGC	AGGTGTTTTC	CCAGTACCTT	AMACTITIGT	AATTCTAGTT
55651	TGAATGTATT	TACCAAAAGG	GCAGGGGCAA	AAGCATGTTT	TAATTTTAAT
55701	ATTITACTO	TTTAAAAGAA	GTICCCAAA	CAMAITATIT	TGATAAATCT
22/21	ITTIGGCTTT	ITTIATGGAT	GIIGIIIIGI	CATATT	TTATATTTGT
22801	MATATIGET	CATTTTACA	TITATIO	ACATTCTTC	TTGCCAAAAC ACCTCTCTTC
7303T	CAACCTCTCA	TOCOCOCOC	TACAAGGACA	ADATETTE	AATGCTGTAA
55951	TCTTCCATCC	GITTGGIT	TTTTAATATT	THATIGGE	ATAATICIGI

56001 CACAGGATCC TTAGGGTGTC ACTITICCAG CCAGAAACCT CTGTGGCCGG
56051 TGGCACCTCT GCCCGAGTTA TATCCTCGGG CCCACTGGGC TTGTTCTGCC
56101 CACTIGGTCC AGCAGGCTGT ACTTGGCTTG TGCTATTGAC CTGGATCCTA
56151 CACCTGCCAA GGGTGAGCCA GGCGCAGAGC AGTGAAGGGG GTGTGAGTGA
56201 GCCCGAGGTC CGGCCACTGC ACACAGCCAG GCATGCTGGC TGCAGTGGAG
56251 TGGACAGCCC CAGGTGCAGG CACAGGCACC GGCTCTGTGT GAGGATGTGG
56301 CTGGACCAGG CATACCACAA GTGTTTTCCA CCGTGGGCAC CAGGTAACGT
56351 GGTGGTACCT GGAAGCTTGG AGATGTTGGA AACAGCAGAG CCCCAAAGAG
56401 AGTIGTCACAG CTICTIGGTATIC ACAGCTICTIGA TICACAGCCCT TIGCATICTIGGG
56451 CTCCCCAGAG GGCCACAGGT CCTCTTCTTC TCATTGCCCA AAATGTGGTG
56501 ACCAGTIGGC GTGTTTCAGT CCTGTTTTGTG TTACAGCTCT TTCAGTCCTG
56551 CCATTTIGAA GGTTCTGAGT TCTTGTCCAG CCTTTAGGAA GAATGAGGTA 56601 TGTGGACAGC TGGAGGGTGA GCAAGGCAGA GAGGAGCTTC ATTGAGCAAG
56651 AGAACAGCTC TCAGGAGACC TGAAGTGGGT AGGTCCTTCT GCCATCAGGT
56701 CGTCCTGATG AGCGTCCAGC TCTCAGCAGA GAGGATACCT GGAGGGGGTA
56751 GCTGCTGTCC ACAGGCAGGC CATCCTCACA AATGTCTAGC TTTCCGCAGA
56801 GAGGACACCT GGAGTGGGTA GCTCCTTTCT GCAGGTAGGT CATCCTGATG
56851 AGTIGTOCTICC TIGTCAGTIGGA GAGGAGACCC AGAGTIGGGTA GCTTCTTTCT
56901 GTAGGCAGGT TGTCCCAGTG CATGTCCAGC TCTCAGTGGA GAGGAGACCA
56951 GAATGGGTAG CTCCTATCTG GCATCCCAGC TAGTGTCCAG TTCTCAGCGG
57001 AGAGGAGACC CAGAGTGAGT AGCTCCTGTC CTCAAGCTGG TCAGCCTGAT
57051 GAGTGTCCAG CTCTCAGCAG AGAGGAGACC TGGAGTGGGT GGCTCCTTTC
57101 TGCAGGCAGG TTGCCCCAAC GAGTGTCTAC TTCTCAGCGG AGAGGAGACC
57151 CCGAGTGGGT AGCTCCTTTC CATAGGCAGG GTGTCCCAGT GAATGTCCTG
57201 CTCTTAGTGG TGAGGAGACC CAGGGTGGGT AGCTCCTTCT CACAGCTGGT
57251 AGTOCTGACA TOCCAGTGAG TOTGGCTGAG TOGGGTTTTT ATGGGCTTCA
57301 GAAGGGAGGA AGTGCATGCT GATTGGTCCA TGGGTGGCCA TGGGCAGGCC
57351 CAGAAAAAGC ACCATAAGTT CTTGGTCTCA GCTGCAGACT CTACCCAGCT
57401 CTGACAGCCT GCCCTCCATG CTTCAGGCTG TCCCTGGCTT AAAGGTGGGG
57451 CTTCACCAGG GACTCACTCC TTTCTGCCCA GGAGCCTCTC TGCCTCCTGC
57501 TGCCATCAAT CATGTCGTCC ATGGTGCTGG GGCTGTTCAT GCTGAGGGGC
57551 GCTTGCAGGA CTGCGCCAAG ACACCCTCAG CCTCCCTCAC ATACTCATTG
57601 GCACCCAAAG TCTGGAGGGG ACCAAGGTGG AAGGGAGCTG GACTGTCAGT
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57751 CTGGGGAGAG GCCAGGCAGT AGAAGCAGGC ACTTCGGAGC CTGTTGGGGC
57801 AGGGGTGCT TCCTGGGTTC TCGAGAGTGG AGGGATACCT GGGTCCACAG
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57901 ACCAACTTGG AAAAGAGCAG GGCTCCTGCC TGTTCCCAGC TCCCACTGGC
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58001 TTCACTGTTG CCACTCCAGA TGGGCCACCG GAGCCATCAA TTCAGTCTGT
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58101 CTCTGTGCCT TGCGGAGAAT CCTGAAAAAA CAGCCTAACC TCCCTGATGT
58151 CAAGGTGGCT GGACTGGTGA AGATTACTCT GAAGGATTTC TTGCAGGCAA
58201 TGAATGATAT CAGACCCAGT GCCATGAGGG AAATAGCAAT TGATGTCCCA
58251 AATGTAAGTC ATTTATGTCC CACACTAGCT ACACTGTTTG AATTAAACTC 58301 TGAAAAAAAT TTAGAGTTCA GGGAGACTGA CTTCCTAGGC TAAACTTTAA
58351 AAAAATATTT TTCTTAATTG AAAGTTTTAT TGAGATAGCT GTAAATTCAG
58401 TGCAGTTATA CGAAGTAATG TAGGGAGATT CTGTGTATCC TATACCCAGT
58451 TTCCTCCAGT GGCAACATTT TGCAAAACTG AAGTACAGGC TGGGTGCAGT
58501 GGCTCATGGC TGCAATCCCA GCACTTTGGG AGGCTGAGGT GGGCGGATCA
58551 CTTGAGCCCA GGAGTTTGAG ACCAGCCTGG TTAACATGGT AAAACCCCAT
58601 CTCTACAAAA AGTACAAATT AGTTGAGTGT GGTGGTGTAC ACCTGTAGTC
58651 CCAGCTACAG CTGAGGTGGG AGGATCATCT GAGCCCTGGG GAATGTTGAG
58701 GCTGCAGTGA GCCATGGTTG TGCCACTGCA CTTCAGCCTG GGTGACAGAG
58751 CGAGACCCTG TCTCAAAAAC AAAAAACAAA ACACCCAAAA AACTATATTA
58801 CAATACTAAA ACCAGGATAC CCCTATTGAT ACAATCCATT GATCTTACTC
58851 ATATTTTTIC AGTTTTACTT GTGTGTATGT GTTTATTTAG TTTTATACAA
58901 TTTTATCTCA TGAAAAGGTT TGCGTATTCA TCACAGATAC TAAGTAATTC
58951 CATCACCACA AAGATCCCTC ATGTTGTCTT TTATAATCAC ACCCACCTCA
59001 TICCTCCCCT CATTICTAAA TITTITATTIC AGAACCITTA TATAAATIGA 59051 ATCATACTIGT ATACAACCTT TIGGAATTAG CTTTTTTCAC ATATGAGTAA
59101 GATCTTTTGT CTTTCTGTGT ACCTTAACTT ATTTCAGTAG GCATAATGTT
59151 CCCCAGATTIC ATCCATGTTA TTATAAATGA CAGTATTTTC TTCTTTTTAT
59201 AAGGCCAAAT AATATTCCAT TATGCCACAT TTCTTTGTAC CATTATACCA
59251 CATTTICITT CTCTGTTCAT CTGTTGAGGG ACACTTAGAT TGATTCCCTA
59301 TCTTGGATGT TGTGAATAAT GCTGTAGTGA ACATGAGAGT GCAGATATCG
59351 CTTTGAGATA CTTCATTTCC TTTTGATATG TACCCAGTAG TAGGATTGCT
59401 GAATCITTIG GTAACITAAT ATTITIGAGGA ACCACCATAC CATTITICCA
59451 TAATGTCTGT ACCACTTTAC ATTCCCACCA ACAGTGTACA AGGGTTTCTT

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59501	TTTCTCCATA	TCCTTGGCAA	CACTTATCIT	TCATCTTTTT	GGTAATGGCC
		<b>ATGTGAGGTG</b>			
		<b>AGTGGTATTG</b>			
59651	GTACGTCTTC	TTTTAACAAA	<b>TGTTACTCAG</b>	ATCCTTTGCC	CATTTTTAAT
59701	CAGATTGTTT	GITTITITI	<b>GCTTTTGAGT</b>	TGTTTGAGTT	TCTTAATATA
		TTTTGGATAG			
59801	TATTTTCTCC	CATTCCATAG	जाजटाटा	TACTCTGTTT	ccrrrccror
		CTGGTTTGAT			
		TTTGGAGTGT			
		TTCCTTATGT			
		ATATTTAATC			
		GCCAGTTTCA			
		ATACAGTTTT			
		COGGTICTIC			
		ATTICTGGGC			
		CCAGTATATT			
		CAGATAGTGT			
		TTTGACTATA			
		AATCTGTAGA			
		TAAAATTCAT			
		CATCAGTATT			
		AGITTTTCG			
60651	ATTITICTITI	TTTAATTTT	TGGATAGTTG	TTAGAGTATA	GAAATGCTAC
		TGTCGATTTT			
		СПППППП			
60801	<b>AGATTATGTC</b>	<b>ATCTGCAAAC</b>	<b>AGACAATTIT</b>	пспсп	TTCAATTCGG
60851	ATGCTTTTA	тпстттс	TTGCCTAATT	TCCCTGGCTA	TGACTTTCAG
		AATAGAAGTT			
		AAAGTTTTTA			
		ATACATATAG			
PINOT	IGIATIGAGA	GIGITTATCA	IGAAAGGAIG	TIGATITIG	CCCCCTTTTA
		TATTGATATG TCATGTTTAT			
		ATGAATCTCA			
		TIGGITIGCA			
61301	TTCACCAAGG	ATATTGGCCT	GTAATTTICT	ATTCTTACAG	CATTCTTGTA
		GCTGGCCTCA			
61401	TCAGTTTATT	<b>GGAAGTTTTG</b>	TGAATTCTAC	TAAGAATTTA	AAGAAGTGAT
		GAGAAGCATA			
		TGATTATTGG			
		TTATGATTCA			
		TICHIGGIIG			
		TGATTGTATT			
		GGAGTCTCGC			
61801	CATCTTIGGCT	CACTGCAACC	TOGGGTTAGG	GGTTCAAGT	GATTCTCCTG
61851	CCTCAACCTC	CTGAGTAGCT	GGGATTACAG	GCACCCGCCA	CAACGCCCAG
61901	CTAATTTTTG	TATTTTTAGT	AGAGACGGGG	TTTCACCATG	TTGGTCAGGC
61951	TGGTCTCAAA	CTCCTGACCT	CATGATCCGC	CCACCTCAGC	CTCCCAAAGT
62001	<b>GCTAGGATTA</b>	CAGGTGTGAG	CACCACGCCC	<b>AGCCTACTTT</b>	AATCTTCTTT
		TAGTAGTCTA			
62101	TGAAAAAACA	ACTAATGTTG	ATCTTTTAT	ATTCTTACAT	TGATCTTTTA
62151	AATTATTTT	CTAGTCTCCA	TTTCATTIAT	TICIGCICIG	ATCTTTAGTA
6550T	macmaci	TCTGCTAACT	CIGAACTIAT	CATATTO	TICIATTICI
6223T	ATACCTATT	AAATTAGGTT ATTGCTATAA	GITCATTICA	TACAACTACT	TITICITIAN
					AAGACTTTTT
		TTTIGATTIC			
62451	GIGITAAT	TTCCAGATAT	TIGIGGATTI	TCCAATTTTT	TITICCIGIT
					GTGATATGAT
		TTAAACTTTT			
62601	TATCCTTCAG	<b>AATGTGTCAT</b>	<b>GTGCACTTGA</b>	<b>AAAGAATATG</b>	TATTTGAGAG
62651	CCCCATAGAT	<b>GGTTCACATC</b>	ACAGGACTCT	GTACGGACAA	CCCCCAGTAC
		CTGGGTAGAC			
62751	AACAATCACT	GCAGTTAGGC	TCACAGGAAG	ACACATCCAT	AGGAAAAGTG
					GGATTCGAAC
					CCAATGAGAA
					COTGTATTIC
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63001 TITICAGTIGI GITTIGIAGIAT TITICATIGIA GAGGICTTIC GACTECTIGA 63101 GITATIGATI TEATACICLIG CITIGATIGCT GITGGTIGIAT AGAAGCTIAC 63101 GITATIGATI TEATACICLIG CITIGATIGCT GITGGTIGIAT AGAAGCTIAC 63201 ACAGTICTIAG GACCITTIACT CCTAAGGAGG AGTICATIAGG GITTICAAGG 63201 ACAGTICTIAG GACCITTIACT CCTAAGGAGG AGTICATIAGG GITTICAAGG 63201 ATGCCTITCA TITICTITICTA TITICTICTAT TITICCTATTI ACGATICAGAGGAGGAGTACTTIAGG GACCITCAAG 63301 ATGCCTITCA TITICTITICTA TITICTICTAT TITICCTATTI ACGATICAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGA	
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63151 IRGATITIGITA ACATTAGIC TIGIATCIGA AACTITICCIG AATGCTITICA 63201 ATGCCTITICA TITICITICIA ACICACAGTI TITICCICTIT ACIGATITIGA 63301 ATGCCTITICA TITICITICIA TITICITICIA TITICITICIA 63301 ATGCCTITICA TITICITICIA TITICITICIA TITICICCITIT ACIGATITIGA 63301 ATGCCTITICA AMAGAGAGIG GIGAGAGIGA GCATCCIGACA 63401 TICICACAGG AATGTTITICA ACITITICCAC CATICAGATA GGACTICCAA 63401 TICICACAGG AATGTTITICA ACITITICCAC CATICAGATA TIAAAGGATAG 6351 GACCAGTTITIG CICACAGTIT TAATCATAAA GGGATACTIGA ATTITIGITICA 63501 ACCAGTTITIG CICACAGTIT TAATCATAAA GGGATACTIGA ATTITIGITICA 63501 ACCAGTTITIG CICACAGTIT TAATCATAAA GGGATACTIGA ATTITIGITICA 63501 TICITICAGGA ATTITICACA TITATTCACT TIGACATAGTIT GAGTACATIGA 6351 TICACACCCTIG GTATCACAC CACTICATCA TICACATAGTIT TATTCATT 63601 TICITICTICA GTATCACAC ATTITICACT TIGAGTATA TCTITITACT 63701 ATGTTGTIGA ATTITICATACA ACATTICACAC 63801 CACTITICTICA TICACAGATATA TIGGTCTATA TCTITITACACT 63801 CACTITICTICA TICACAGATATA TAGGTCTATACA 63801 AGGAGGATIC ATCACAGATACACT TICACACTICATA 63801 CACTITICTICA TICACAGATACACTIC TIGACATACACT TIGACATACACT 63901 AGGAGGATIC ACCAGTICTIC TITICACTICAGA 63901 AGGAGGATIC ACCAGTICTIC TITICACTICAGA 63901 AGCATTIGATA CACAGTICTIC TITICACATACACACTIC TAGGACACTIC TIGACACTICAGA 63901 AGCATTIGATA CACAGTICTIC TITICACAGACACTIC TAGGACACACTIC 64001 TITITITITICA ACAGGACACTIC TICACACACCTIC TIGACACACACTIC TAGGACACACTIC 64001 TITITITITICA ACAGGACACTIC TICACACACCTIC TIGACACACACTIC TIGACACACTIC 64011 TICTICCAC TICACACTICAC ACTICACAGTICAC 64011 TICTICCAC TICACACTICAC ACTICACAGTICAC 64011 TICTICCAC TICACACTICAC ACTICACAGTICAC 64011 TICTICCAC TICACACTICAC ACTICACACTIC TICACAGTICAC 64011 TICTICACTICAC TICACACTICAC TICACACTICAC ACTICACAGTICAC 64011 TICTICACTICAC TICACACTICAC ACTICACACTICAC ACTICACAGTICAC 64011 TICTICACTICAC TICACACTICAC ACCACACTIC TICACTICAC	
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66901 CCAGCCTITT CIGGIATAGI ATICITIGHT GCAGTITHT TITHICCCTIG 67001 GATTGICTG AGAAATCTG TOGTAGTCTG ATGATGTCTCCT GCCGCAAT 67001 GATTGICTG AGAAATCTG TOGTAGTCTG ATGATGTTT CCTTATTTGT 67001 AATGAGTTGC TITHICTTG TGCAGCTCT CITTGITHTIN NNNNNNNN 67101 TATGATTATA ACATATCTTG GTGAACCTCT CITTGITHTIN NNNNNNNN 67101 TATGATTATA ACATATCTTG GTGAACCTCT CITTGITHTIN NNNNNNNN 67101 AATTGATGATA ACATATCTTG GTGAACCTCT CITTGITHTIN NNNNNNNN 67101 GATTTGGAAA ATTTTCTGC TGCAGCTCT CITTGITHTIN NNNNNNNNN 67101 GATTTGGAAA ATTTTCTGT CATTGATACCTC TITTGATTTTCCCTCCAG 67201 GATTTGGGAA ATTTTCTGTG ATTCTTTCTT TITTITHTIT TITTGGACAG 67201 GATTTGGGAA ATTTTCTGTG TTCAGCGGAC 67301 TGCAACCTCT GACTCCCTGG TTCAGCGGAC TTCAGCGGAC TCTGGCTCAC 67301 TGCAACCTCT GACTCCCTGG TTCAGCGGAC TCTGCCTCCAGCTCCTG 67301 TTTAGTGACA GACGGAGTTT CATATGTGGC CAGGATGGTC TIGATTTCAG 67401 TTTTAGTACA GACGGAGGTTT CATATGTGGC CAGGATGGTC TIGATTTCAG 67401 TTTTAGTACA GACGGAGGTTT CATATGTGGC CAGGATGGTC TIGATTTCAG 67501 CTGAGCCACC GTGGCCCAGCC CATATTTTCT TTAGTACAGC 67501 TTTCCTGGATT CATAGTCCCTGC CTACCCTCCT AAAGTCTGTG GTGTACAGC 67501 TTTCCTGTGTT TTTGTGAGCTAG TGTGTACACTG GTGTCACCTGG 67501 TTTCCTGTGTT TTTGTGACAGA ATAATTTCAG AAGATCTGTG TTTCAGCTTAA 67601 TATACCTCCT ATGCATTTCT CAGTTCCAGCA ATTTCCTTTTAGT GTGTACACTG 67701 CTGATTCATC TTGGAGTTTA ATTTCTTTTTAGT GAGTTCCAGAAA ATAATTTCAC AAGATCTGTG TTTCAGCTTAA 67701 CTGATTCATC TTGCAGTTTA ATTTCTCTTTTAGT GTGTCAGACAAAAAAAAAA						
67001 GARTIGITIG AGAANTCIGG TIGITAGTICIS ATGATIGAT CCTTATTIGT 67051 AATGAGTICC TITTHTICTIG CIGCTITICA AATTIGITGA CHITIGAGA 67101 TATGATTATA ACATATICTIG GTGAAGCTICT CTTIGITTIN NNNNNNNN 67151 NNNNNNNNC CAAAATACAC TAAAACAAAT TATATICATI TICCCTICTCA 67201 GATITIGGGAA ATTITICTIGT ATTIGTTITIT INTINITITIT TITGAGACAG 67251 AATCTCACIC TIGICACCAGG CTGAAGGGTA GTAGTGGAT CTTGGCCCAC 67251 AATCTCACIC TIGICACCAGG CTGAAGGGTA GTAGTGGAT CTTGGCCCCC 67301 TGCAACCTCT GACTCCCTGG TICAAGGGAT TICTCTGCCC CAGCCTCCTG 67301 TGCAACCTCT GACTCCCTGG TICAAGGGAT TICTCTGCCCC CAGCCTCCTG 67301 TITTAGTACA GACGGAGTTT CATATGTGGC CAGCATGGAT ATTICTGTAT 67401 TITTAGTACA GACGGAGGTTT CATATGTGGC CAGCATGTG TIGATTTCC 67451 GACCTCCT GACCCCCCC CTCACCCTCCT AAAATGTCG GGTTACAGGC 67501 CTGAGCCACC GTGCCCAGCC CATATTTCT TIAAGTAAAT TITCTGCCCC 67551 TITTCTCTGTGGT CTTCTCTGGGT CTGAGCCTCCT AAAATGTCGG GTTACAGGC 67501 CTGAGCCACC GTGCCCAGCC CATATTTCT TIAAGTAAAT TITCTGCCCC 67551 TITTCTCTGTT CTTCTGGGGT CTGTGGTAAT GTGTACACTG GTGTCACCTGC 67551 CTTTTTTGTTT TTTGTGACAGA ATATTTCAG AAGATCTGT TITCAGTTTT 67601 TATACTCTCT ATGCATTCTT CAGTTCCACAGA ATTTCTTTTTC ATTCTCTTTT 67701 CTGATTCTTC TIGTGTATTG CTGCTCTACT AATTCCTTC ATTCTTTTC TIGTGTATTG CAGCATGCACA ATTTCTTTTC ATTCTCTTTC 67851 TATACCTCCA TICAATTCTT CAGTTCCACAGA ATTTCTTTTC ATTCTCTTTC ATTCTCTTTC ATTCTCTTC ATTCTTTCT						
67051 ATGACTICE TITTITICTIG CIGATTICA AATTICITICA CITTIGACAA 67101 TATGATTATA ACATAICTIG GIGAACCTC CITTIGATTITIN NINNINNINN 67151 NINNINNINNC CAAATTACAC TAAAACAAAT TATATTCATT TCCCTCCAC 67201 GATTIGGGAA ATTITICIGIC ATTICTITICTIT TITTITITITIT TITCAGACAC 67201 TIGCAACCTC GGTICACCAGG CIGGAGGGTA GTAGTGGGAT 67351 AGTACCTGCA ATTICTGCCAGG CIGGAGGGTA GTAGTGGGAT 67351 AGTACCTGCA GACTCCCTGG TICAAGGGAT TCTCCTGCCT CAGCCTCCTG 67361 AGTACCTGCA ATTACAGGCA CAGCCAACCT AATTICTGTAT 67401 TITTAGTAGA GACGGAGTT CATACTGCCAC CACCAACCTA ATTICTGTAT 67401 TITTAGTAGA GACGGAGTT CATACTGCCAC CACCAACCTA ATTICTGTAT 67401 TITTAGTAGA GACGGAGTT CATACTGCCCAC CACCAACCTA ATTICTGTAT 67401 TITTAGTAGA GACGGAGTT CATACTGCCCCC 67501 CITCAGCCACC GTGCCCAGCC CATTATTTCT TITAGTAGAT TITCTGGAT 67501 TITGAGCCACC GTGCCCAGCC CATTATTTCT TITAGTAGAAT TITCTGCCCC 67501 CITCAGCCACC TAGASTCCCTGT TAGAGCTCTT TITCAGCCAC 67501 TITGAGTATT TAGAGTCCTG TAGAGCCTTT TITCACTGCT 67601 TITGGGGTTC AAGACCCCTG TAGAGCTCTT TITCACTGCT 67601 TITGGGGTTC TAGAGTCCTT TAGAGTCCTT TITCACTGCT 67601 TITGGGTTC TGTGTGTTT TCTGCTGTTG AAGTTCTTG TITGAGTTTG 67601 TATACTCTCT TITGTGTATTG TCTGCTGTTG AAGTTCTTG TTGCATTGT 67751 AATTCACTCA TTGAATTCTT CAGTTCTTC TAGTTGTTT TAGATTCTTC TTGCATTCATTTT 67851 TCTGGGATTC ATCTCTTTCT TGGATTGTA ATTICTCTTTT TAGATTCTTC TAGCTAGATC 67851 TCTGGGATTC ATCTCTTTCT TGGAGTTGT TAGTCATTCAT TATAGTGAT 67851 TCTGGGATTC ATTICTTTTT TGGAGTTGT TAGTCAGAGC GATTATTTTT 67951 GGTCCTAACT ATTICTTTTT TAGTGATCATCA GTCGTTTAGT GTCTGCTAGT 67851 TCTGGATTCA TTGGAGTTGT TGGAGAGCAC TAGTGTTAGT GTCGTTAGT GTCGTTAGT GTCGTTAGT GTCGTTAGT GTCGTTAGT GTCGTTTAGT GTCGTTAGT GTCGTTTAGT GTCGTTAGT GTCTAGTTC TTGGGGGGGT TGGCTTAGT CCTGTAGT GTCGTTAGT GTCTAGT						
67101 TATIGATTATA ACATATICTIG GTGAAGCTCT CITTIGTTTIN NNNNNNNNN 67151 NNNNNNNNC CAAAATACAC TAAAACAAAT TATATICATT TECCTCCTCCA G7201 GATTITGGGAA ATTITICTIGTC ATTICTTTCTT TITTITTTTT TTTTGAGACAG 67201 TACAACCTCT GACTICCTGGA TITCAGAGGGAT TITTITTTTTTTTTTTTTTTTTTTTTTTTTT						
67151 ANNININNE CAMATICAC TAMACAMT TATATTICATT TICCTICA 67201 GATITIGGAA ATTHICIGIC ATTICITICTI TITTITTITT TITTICAGACAG 67201 TICAACCICT GACICCCTG TICAAGGGAT GRAGIGIGAT CITIGACTCAC 67301 TICAACCICT GACICCCTGG TICAAGGGAT TICTCCTGCCT CAGCCTCCT 67401 TITTIAGIAGA GACGGAGTTT CATATGTGGC CAGGATGGTC TIGATTICCT 67401 TITTIAGIAGA GACGGAGTTT CATATGTGGC CAGGATGGTC TIGATTICCT 67401 TITTIAGIAGA GACGGAGTTT CATATGTGGC CAGGATGGTC TIGATTICCT 67401 TITTIAGIAGA CAGGAGGTT CATATGTGGC CAGGATGGTC TIGATTICCT 67501 CTGAGCCACC GTGCCCACC CATATTITCT TITAAGTAAAT TITCTGCCC 67551 TITCTCTGCT TCTTCTGGGT CTGTTGTATT GTGTACAGTG GTTGCATAG 67601 TITGCGTTC TAAGTCCCTG TAAGGCTTTT TITCACTCTA ATTICTTTC 67651 CITTITGTT TIGTGACAAG ATAATTICAG AAGATCTGTG TITCAGTTAA 67601 TITGCGTTC TAAGTCCCTG TAAGGCTTTT TITCACTCTA ATTICTTTC 67651 CITTITGTT TIGTGACAAG ATAATTICAG AAGATCTGTG TITCAATTICT 67651 CITTITGTT TIGTGACAAG ATAATTICAG AAGATCTGTG TITCAATTICT 67751 AATTICACTCA TITGAATTCTT CAGTTCCAGA ATTICTTTCA TIGTGTTTG 67751 AATTICACTCA TITGAATTCTT CAGTTCCAGA ATTICTTTCA TICCATTICT 67851 TCCTGGATTC ATCTCTTTTG AATTICCTTG AATTICCTTA TITGATTGTT 67851 TCCTGGATTC ATCTCTTTTT ATTICTCTT TIGTGTGCTG TITCACTAAGT GATTATTTTT 67901 TATACTTAC TIGGCAGTTTA TITGTCCTT TIGTGTGCTAT 67951 GGTGCTTAAT TITTGTCCTT TIGTGTGCAT GTGAAAAAGAAAAAAAAAAAAAAAAAAAAAA	67051	AATGAGTTGC	TITTICTIG	CTGCTTTCAA	AATTIGTIGA	CTTTTGAGAA
67251 AATCTCACTC TGTCACCAGG CTGGAGGTA GTAGTGTGAT CTTGCCTCAC 67301 TGCAACCTCT GACTCCCTGG TTGAAGGGTA GTAGTGTGAT CTTGCCTCAC 67351 AGTAGCTGGC ATTACAGGCA CAGCCACCA CACCAACCTA ATTTCTGATT 67401 TTTTAGTGAG AGCGGAGTTT CATAGTGGC CACCAACCTA ATTTCTGAT 67401 TTTTAGTGAG AGCGGAGTTT CATAGTGGC CACCAACCTA ATTTCTGAT 67451 GACCTCGTGA TCCACCCGCC TCACCCTCCT AAAGTGCTG GGTTGACTC 67551 CTGAGCCACC GTGCCCCAGCC CATAGTTCT TTAAGTAAAT TTTCTGCCTCA 67551 TTTTCTCTGGT TCTTCTGGGT CATTATTCT TTAAGTAAAT TTTCTGCCCC 67501 TGTGGGTC TAAGTCCCTG TTAGGCTTTT TTAAGTAAAT TTTCTGCCCC 67501 TGTTGGTTC TAAGTCCCTG TTAGGCTTTT TTCAGTACACTG GTTTGACTTAA 67601 TGTTGGTTC TAAGTCCCTG TTAGGCTTTT TTCAGTACACTG GTTTGACTTAA 67601 TGTTGCTTC TGTTGTATTT TTGTGACCAACACACACCTGCT AAGTTCTCCTG ATTCTTTTTCAG AGCTCTGGTTTTTTGAGTTTC 67751 AATTCACTCA TTGAATTCTT CAGTTCCAGA ATTCTTTTCAG AGCTCTGTTTTTTGAGTTTG 67751 TATACCTCAT ATGAATTCTT CAGTTCCAGA ATTCTTTTTCAG TTGAATTATTT 67751 AATTCACTCA TTGAATTCTT TGAATTCATC ATTCTTTTTTTCAG TTGACTTTTTT 67751 TATACCTCAT TTGGCAGTTTA TTGAATTCATC ATTCTTTTTCAGTTTAGTTT						
67351 ARICITCACIC IGICACCAGG CIGGAGGGTA GIAGTGIGAT CITICACTCAC 67301 TIGCACCICT GACTICCTIGG TICAAGGGAT TICTCCTGCCT CAGCCTCCTG 67351 AGTAGCTIGC ATTACAGCA CACGCCACCA CACCAAGCTA ATTICTGTAT 67451 GACCTCGTGA TCCACCCGCC CATATGTGGC CAGGATGGTC TIGATTICCT 67451 CACCCTGGGA TCCACCCGCC CATATGTGGC CAGGATGGTC TIGATTICCT 67551 CITICACCCACC GIGCCCACCC CATATGTGGC CAGGATGGTC TIGATTICCT 67551 CITICACTCGT TAAGTCCCTG TIAGAGCTTT TITAACTCACT GTTCACTTCA 67601 TIGTGCGTC TAAGTCCCTG TIAGAGCTTT TITAACTCCTC ATTICTTAT 67651 CITITIGGTT TAAGTCCCTG TIAGAGCTTT TICACCCTG GTTCCGCTTAA 67601 TIGTGCTTC TAAGTCCTG TIGAGCTTTT TICACCCTTC ATTICTTTTT 67751 AATTCACTCA TIGAATTCTT CAGTTCCACA AAGATCTGTG TITGAATTTT 67751 AATTCACTCA TIGAATTCTT CAGTTCCACA ATTICTGTTT GGTTCATTC 67851 TCCTGGATTC ATGTTATTTG CTGCCTTGA AAGTTCCAT TIGAATTCTT 67801 TATACTCTCT ATCTCTTTCT TAATTCCTTC ATTICTTTCA TCGCTTTAT 67801 TATACTCTCT ATCTCTTTTT TIGATCCTTC ATTICTTTCA TIGAATTCTT 67901 TATACTTACT TIGAATTCTT TIGATTCCTT TIGATCTTTC TIGATCTTTC TIGATCTTTC TIGATCTTC TIGATCTTC TIGATCTTC TIGATCTTCT TIGATCTTC TIGATCTTC TIGATCTTC TIGATCTTC TIGATCTTC TIGATCTTC TIGATCTTC TIGATCTTC TIGATCTTC TIGATCTCT TIGATCTTC TIGATCTTC TIGATCTTC TIGATCTTC TIGATCTCT TIGATCTTC TIGATCTCT TIGATCTCT TIGATCTCT TIGATCTTC TIGATCTTC TIGATCTTC TIGATCTCT TIGATCTCT TIGATCTCT TIGATCTCT TIGATCTCT TIGATCTCT TIGATCTCT TIGATCTCT TIGATCTCT TIGATCTCAC TIGACCCTTC ACCAGCACTACACACACACACACACACACACACACACACA						
67351 AGTAGCTICT GACTECCTGG TICAAGGGAT TCTCCTGCCT CAGCCTCCTG 67351 AGTAGCTIGC ATTACAGGCA CACCAAGCTA ATTTCTGTAT 67451 GACCTCGTGA TCCACCCGCC TCAGCCTCCT AAAGTGTGC TITGATTTCTT 67451 GACCTCGTGA TCCACCCGCC TCAGCCTCCT AAAGTGTGG GGTTACAGGC 67501 CTGAGCCACC GTGCCCAGCC CATTATTTTCT TTAGGAGATAT 67651 CTTCTTGGT TCTTCTGGGT CTGTGTGTAT GTGTACACTG GTTCACGCTG 67551 TTTCTCTGCT TCTTCTGGGT CTGTGTGTAT GTGTACACTG GTTCCACGG 67501 TGTGGGTTC TCAGCTCCC CATTATTTTCT TTAGGATTTT 67651 CTTTTTGTTT TTGTGCACAGG ATTAGTTTCT TTAGGTTTTT 67751 AATTCACTCA TTGTGTGTTT TTGTGCACAGA ATTACTTTC ATTCTTTTTGGTTT 67751 AATTCACTCA TTGAGATTCTT CAGTTCCAGA ATTTTTTCATTTCA						
67351 AGTACCTIGGA ATTACAGGCA CAGCAACCA CACCAAGCTA ATTICITATIOTATO 67451 CACCTCGTGA TCCACCCGCC TCAGCCTCCT AAAGTGCTGG CTIGATTCAGGC 67501 CTGAGCCACC GTGCCCAGCC CATTATTICT TTAGATAAAT TITICITGCCC 67501 CTGAGCCACC GTGCCCAGCC CATTATTICT TTAGATAAAT TITICITGCCCC 67551 TITICITGGGT CTCTTGTGGGT CTGTTGGTAAAT TITICITGCCCC 67551 TITICITGGTTC TICTCTGGGGT CTGTTGGTAAAT TITICAGCCCC 67561 TGTTGGGTTCA TCTCTTGGGGT CTGTTGGTAAAT TITICAGCCCC 67561 TGTTGGGTTCA TCTCTTGTGGT CTGTTGGAAAA TAATTTCAG AAGATCTTG TITICAGTTTG 67601 TGTTGGGTTCA TAGGCCTTG TTAGGCCTTT TITICAGTTTG ATTICTTTTC ATTICTTTTC TGTTGGAAAA ATTACTCTTC ATTICATTTC TGTTGTATTG CTGTTGTAAATTTCAG AAGATCTTG TTTGAGTTTTG 67751 AATTCACTCA TACTCCTTTC TGAATTCTC TC AAACTCCAGA ATTACCTCTC ATTCCTTTTC TGAATTCTC TAGGCTTTAT TAGCTCTTC ATTCCTTTTC TGAATTCTC TAGGCTTTAT TAGCTCTTC AACTCCTTTC TGAATTCTC TAGGCTTTAT TAGCTCTTC AACTCCTTTC TGAATTCTCT TAGGTTTTTTTTTCAGTTTTG GAGCTTTAAT TTTTTTTCT TGAGTTTTTTTTTT						
67451 GACCTICGTGA TICCACCOGCC TICAGCCTICCT AAAGTISCTICG GGTTACAGGC 67551 TITICTCTIGGT TICTTCTGGGT CAGCCTICCT AAAGTISCTICG GGTTACAGGC 67551 TITICTCTIGGT TICTTCTGGGT CAGCCTICCT AAAGTISCTICG GGTTACAGGC 67551 TITICTCTIGGT TICTTCTGGGT CAGTITATTTCT TITAAGTAAAT TITTCTCCCCC 67551 TITICTCTIGGT TAAGTICCCCTG TIAAGGCTTTT TICACCTIC ATTICTTTTTA 67651 CTTTTTGTTT TAAGTICACCCGT TIAAGGCTTTT TICACCTIC ATTICTTTTTC 67651 CTTTTTGTTT TAGGTCCCCTG TIAAGGCTTT TACACTICCA ATTICTTTTTC 67651 CTTTTTGTTT TIGTGACAAG ATAATTTCAG AAGATCTGTG TITTGATTTTG 67751 AAATTCACCTCA TIGAATTCTT CAGTTCCAGA ATTICTCATTTTTAATTTCATTTTCA TIGAATACTTT 67851 TCCTGGATTC ATCICTTTCT TIGAATTCTT TIGAATTCTTT 67851 TCCTGGATTC ATCICTTTCT TIGAATTCTTT TIGATTCTTTT TAAGTCAGAT GATTATTTTT 67801 TATAACTTCTC TIGCAGTTTA TITTGTTCCTTT TAGATCATCA GTCGTATTATTTT 67801 TATAACTTCATC TIGGCAGTTTA TITTGTTCCTTT TAGATCATCA GTCGTATTATTTT 67801 TATAACTTCATC TIGGCAGTTTA TITTGTTCCTTT TIGGTGCAT GTGGAAAAAGT AAACAACACT 68051 TCTTGTCTTT ACAGATTGGT TICTGTGCAT GTGGAAAAAGT AAACAACACT 68051 TCTTGGTTTTA TTTTGTTCTTGTAG GTGCTTGTAT TITTGTAGGAT GAAAAGAA AAACAACACT 68051 TCTTGGTTTTA GTTCTTGGTA GGCTGTTTGT CTGCTGGAGT CCTTGGGTAT 68151 CTTGGGTTTCT TGTCTTGGGTC AGCAGTGGAT GCTCTGGAGC CCTTGGGTAT 68151 CTTGGGTTTCT TGTCTTGGGTC AGCAGTGGAT GCTCTTGGTCTAGTC 68201 AAGGAGGGCA GTCTTAGTGC TGGGATGGGT TGCTCTGGGTAT 68301 TGGGGGTGAT CCTGAGGCC TGAGTGGGG TTGACCTGGA GCCCACAGG 68251 GACAGTTCTG GAGCCTTGAA TTCAGGACCAC TAAGTTCATGG ATTCAGGCCAC GAGCCTGGAG 68301 TGGGGGTGAC CTTGGGGTTG CGCAGTGGGT TGCCTGGAGC TCAAGCCTGG 68491 TGGGGTTACA GAGCCTTGAACC TAAGTTCAGG TTAAGTCAC CTAGGGCACACACACACACACACACACACACACACACACA	67351	AGTAGCTIGGC	ATTACAGGCA	CACGCCACCA	CACCAAGCTA	ATTICTGTAT
67551 CTGAGCCACC GTGCCCACC CATTATTTCT THAAGTAAAT TITTCTGCCCC 67501 CTGAGCCACC GTGCCCACC CATTATTTCT THAAGTAAAT TITTCTGCCCC 67501 CTGTCGCTCC TICTCTGGGT CTGTTGTAAT GTGTACACTG GTTCGCTTAA 67601 TITTCGGTTC TAAGTCCCTG TTAGGCTTT TITCACTCLTC ATTCTTTTTT 67601 CTGATTCTTC TGTTGTAATG ATAATTTCAG AAGATCTGTG TITTGAGTTC 67701 CTGATTCTTC TGTTGTATTG TCTCCTGTTG AAGATCTGTG TITTGAGTTCT 67701 CTGATTCTTC TGTTGTATTG TCTCCTGTTG AAGATCTGTG TITTGAGTTTT 67751 AATTCACTCA TTGAATTCTT CAGTTCCAGA ATTTTTTTCA TTGCATTCTTT 67801 TATACCTCAT ATCCTTTCT GAATTCTT CAGTTCTTTT 67801 TATACCTTACT ATCCTTTCT TGAATTCTT CAGTTCTTTT 67801 TATACCTTACT CACCAGTTTA TGTATCATCA ATTTTTTTAG TGCATTCTTT 67801 TATACCTTATC TGCAGGTTTA TGTATCACAGT GAGTTATTTT 67901 TATACCTTATC TGCAGGTTTA TGTATCACAG TGGATTAGT GCATTCTTTT 67901 TATACCTTATC TGCAGGTTTA TGTATCACAG TGGATTAGT GCATTCATT 68001 TTTTGTGGAC TTTTGTTTATT GTCTGTCAGT GTCGAAAAGA AACAACACT 68001 TTTTGTGGAC TTTTGTTATT GTCTGTGAG AAAGCCCTTC ACTAGTCAGC 68101 TTGTCTAGTA GTTCTTGGTA GGCTGTCTTG CTGCAGGAGCT GAACCAGAGT CCTTGGGAGCT 68101 TTGTCTAGTA GTTCTTGGTA GGCTGTCTTG CTGCAGGAGCT GAACCAGGAGGAGGAGAGGA	67401	TTTTAGTAGA	GACGGAGTTT	CATATGTGGC	CAGGATGGTC	TTGATTTCCT
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68101 TITGTCTAGTA GITCTTGGTA GGCTGTCTTG CTGCTGGAGT CCTTGGTAT 68151 CITGGTTTGT TGTCTGGGTC AGCAGGTGA TGGTCTTGGT GTCTAGGTCC 68201 AAGGAGGGCA GTCTTAGTGC TGGGATGGGG CTGCAGCCTG AGGCCACAGG 68251 GACAGTTCTG GAGCCTCTGT CCACTGGGGC TGACCTGGAGCCTG AGGCCACAGG 68251 GGCCTTGAA TTCAGGAGCT GAGTTCATGG ATGCCACCTG GCACAGCG 68301 TGGGGGTGAT CCTGAAGGCT GAGTTCATGG ATGCCACCTG GCACAGCG 68301 TGGGGCTTGAA TTCAGGAGCCA TAGTTGGTGGG TCTAGAGCCT GAGCAGCC 68401 TGGGTCTACA GAGGCTTGGTT CGGAATTTTGG GGCTGCAGCC GCACCCGC 68401 TGGGTCTACA GAGGCTTGGTT CGGAATTTTGG GGCTGCAGCC CCAGCCCTGG 68451 CTCTTGTGTA GGCCTAGAGC CTAAGTCTGC AGGGATCCAT CCTGGGCTGT 68501 GGGGGCTGAC CTTAGGCTGG GATAGGGCAA GTACTGGAAT CTTGTGGGAG 68551 AGCTGGATGC TTATGTCATC CTTCTCAT GTGGACAGTA TTTCTCCAC 68501 CATTGTGCTG CCAGAGGTTG GGGGTGGGAT GAAGCATTA TTCTCTCAC 68601 CATTGTGCTG CCAGAGGTTG GGGGTGGGAT GAAGCATTA TATTTTTT 68701 TGAGAGCAAA TCTCTCTTTG TTGCCCAGCCA TAGAGTGCAG TGGGGAAAACT 68751 CGGCTCACTG CAGCTTCAGT CTCCTGAGTT TAGTTGATC TCCCACCTCA 68801 GTCACCTGAA TAGCTAGGAC TACAGGTGTA CGCCACCACA CCCAGCTAAT 68851 TTTTTTGTTT ACTTTATTT TTGTAGACGT GGGTTTTCCT TGGGGCAC 68951 CAAATTGCGG GGATTACAGA TGGTGGAGCAA TGGTGCAGCA 68951 CAAATTGCGG GGATTACAGA TGGGGGCAA TTGTTCCTC 69001 ATTTTTGTC TCCACCCAGG TACTCAGCA GTCTTCCTC 69001 ATTTTTGTC TCCACCCAGG TACTCTAATC TTGCCCTGGC CTGTTTCCTT 69101 GTGAGGAAAG AGCAGTAGAA AACTCCTATT CTGCCACCTTC CTGGACTTC 69201 TTTGAAAACT TAGAGCCTTG TTAGGGGCAA TAGGTTCTCTC 69201 TTTGAAAACT TAGAGCCTTG TTAGAGCATC TGCCCCCTT TCCATTCAC 69301 TAATGTTTTTC AATTTTTTT TTTTTTTTTTTTTTTCACCCTTTTCCTT 69301 TAATGTTTTTC AATTTTTTTT TTTTTTTTTTTTTTTT	68001	TTTTGTGGAC	TIGIGITATI	<b>GTCTGTGCAT</b>	GTGAAAAAGT	AAACAACACT
68151 CTTGGTTTGT TGTCTGGGTC AGCAGGTGGA TGGTCTTGGT GTCTAGGTCC 68201 AAGGAGGGCA GTCTTAGTGC TGGCATGGGG CTGGAGCCTG AGGCCACAGG 68251 GACAGTTCTG GAGCCTCTGT CCACTGGGGC TGACCCTGGAG CCTGTGTCTA 68301 TGGGGTGAT CCTGAAGCCT GAGTTCATGG ATGCCACCTG GCACTGAGGT 68351 GGGCCTGAA TTCAGGACCA TAGTGGTGGG TCTAGAGCCT GAGACCAGCC 68451 CTCTTTGTGTA GCCCTAGAGC CTAGAGTCTGC AGGGCACCAGT 68501 GGGGGCTGAC CTTGGGCTGG GATAGGGCAA GTACTGCAAGT CCTGGGCTG 68501 GGGGGCTGAC CTTGGGCTGG GATAGGGCAA GTACTGGAAT CTGTGGGGAG 68551 AGCTGGATGC TTATGTCTC CTTCTTCCAT GTGGACAGTA CTTTGGGGAG 68551 TTACTTCCTA GATTCTTCAA TGCATGTTTT CTTATTTATT TATTATTTTT 68701 TGAGACGAAA TCTCTCTTTG TTGCCCAGGC TAGAGTGCAG TGGGGCACA 68751 CGGCTCACTG CAGCTTCAGT CTCCTGAGTT TAGTTGATC TCCCACCTCA 68801 GTCACCTGAA TAGCTAGGAC TACAGTGTT TAGTTGATC TCCCACCTCA 68801 GTCACCTGAA TAGCTAGGAC TACAGGTGTA GGGTTTCCTC CTCCACCTCA 68851 TTTTTTGTTT ACTTTATTT TTGTAGACGT GGGTTTCCC CTCGGCCTCA 68951 AGAGTAGTCA TGAATTCCTA GGCCTCAAGCA GTCTTCCCC CTGGGCTATC 68951 CAAATTGCCG GGATTACAGA TGTGAGACACA GTCTTCCCC CTGGGCTTCC 68901 AGAGTAGTCA TGAATTCCTA GGCCTCAAGCA GTCTTCCCC CTGGGCTTCC 68901 AGAGTAGTCA TGAATTCCTA GGCCTCAAGCA GTCTTCCCC CTGGGCATCC 68901 GTGAGGAAAG AGCAGTAGAA AACTCCTATT CTGCCCACCTT TCCACCCAGG 69051 TGTTGTGAAG GTATTTTCAA GTGGGGCAA TTGTCACC CTGGGCATCC 69051 TGTTGTGAAG GTATTTTCAA GTGGGGCAA TTGTCCACCTTGG ATTCCTTAC 69101 GTGAGGAAAA ACCCCTTG TTAGAGCCTTG TTCACCTTAGC TGTTCCACCTTGA 69251 CCTCACTGTG TATAGGCGTT TCAGTATCCA TAGTTCTTAC TGTGCACCTTT 69251 CCTCACTGTG TATAGGCGTT TCAGTATCCA TAGTTCTTAC 69301 TAATGTTTTT AAATTTTTTT 707170717071707170717071707170717071707	68051	TCTTGICTT	ACAGATTGGT	TTCTGTAGGG	AAAGCCCTTC	ACTAGTCAGC
68201 AAGGAGGGCA GTCTTAGTISC TIGGATIGGGG CTIGGAGCCTG AGGCCACAGG 68251 GACAGTTCTG GAGCCTCTGT CCACTIGGGGC TGACCTGGAG CCTGTIGTCTA 68301 TIGGGGTGAT CCTIGAAGGCT GAGTTCATIGG ATGCCACCTG GCACTGAGGT 68351 GGGCCTTGAA TTCAGGACCA TAGTIGGTGGG TCTAGAGCCT GAGACCAGCC 68401 TIGGGTCTACA GAGGCTGGTT CGGAATTTIGG GGCTGCAGGT CCAAGCCTGG 68451 CTCTTGTGTA GGCCTAGAGC CTAAGTCTGC AGGGATCCAT CCTIGGGCTGT 68501 GGGGCTGAC CTTTAGTCTG CAAGTCTGC AGGGATCCAT CCTIGGGCTGT 68501 AGCTGGATGC TTATGTCATC CTCTTCCAT GTGGACAGTA TTTCTCTCCA 68601 CATTIGTCTG CCAGAGGTTG GGGGTGGGAT GAAGCATTAT GTGAGAAACT 68651 TIACTTCCTA GATTCTTCAA TGCATGGTTT CTTATTTATT TATTATTTTT 68701 TIGAGACGAAA TCTCTCTTTG TTGCCCAGGC TAGAGTGCAG TGGTGGACAGA 68751 CGGCTCACTG CAGCTTCAGT CTCCTCAGTT TAGTTGATC TCCCCACCTCA 68801 GTCACCTGAA TAGCTTAGGAC TACAGGTGTA CGCCACCACA CCCCAGCTAAT 68801 GTCACCTGAA TAGCTTAGGAC TACAGGTGTA CGCCACCACA CCCCAGCTAAT 68801 AGAGTAGTCA TGAATTCCTA GGCTCAAGCA GTCTTCCTC TGTGTTGCCC 68901 ACAGTAGTCA TGAATTCCTA GGCTCAAGCA GTCTTCCCT CCCCACCTCA 68901 ACAGTAGTCA TGAATTCCAG GGCTCAAGCA GTCTTCCCT CCCGCCTCAC 68901 ATTTTTGTTT CTCCACCCAGG TACTCTAATC TGTGCCTGGC CTGTTTCCTT 69001 ATTTTTTTTT TCCACCCCAGG TACTCTAATC TGTGCCTGGC CTGTTTCCTT 69001 ATTTTTTTTT TAGAGCCTT GTTTCCTTAGC 69051 TGTTGGAAACT TAGAGCCTTG TTTCTTCACC 69051 TGTTGTGAAACT TAGAGCCTTG TTTCAGCACCTACT TTCCACCCAGG TACTCTAAGC 69051 TGTTGTAAAACT TAGAGCCTTG TTTAGAGGTCA TTGGCCACCTT TCCATCATCA 69151 GTTTCATCAC AGTTTTCAA AGTTTTTCAT TAGAGCTCA TTGGCCACCTT TCCATCACCA 69301 TAATGTTTTT AAATTTTTTTT TTTTTTTTTTTTTTT	68101	TTGTCTAGTA	GITCITGGIA	GCTGTCTTG	CTGCTGGAGT	CCTTGGGTAT
68251 GACAGTTCTG GAGCCTCTGT CCACTGGGGC TGACCTGAGG CCTGTGTCTA 68301 TGGGGGTGAT CCTGAAGGCT GAGTTCATGG ATGCCACCTG GCACTGAGGT 68351 GGGCCTTGAA TTCAGGACCA TAGTGGTGGG TCTAGAGCCT GAGACCAGCC 68401 TGGGTCTACA GAGCCTGGTT CGGAATTTGG GCTGCAGGT CCAAGCCTGG 68451 CTCTTGTGTA GGCCTAGAGC CTAAGTCTGC AGGCATCCAT CCTGGGCTGT 68501 GGGGGCTGAC CTTGGGCTGG GATAGGGCAA GTACTGCAAGT CTGTGGGGAG 68551 AGCTGGATGC TTATGTCATC CTTCTTCCAT GTGGACAGTA TTTCTCCA 68601 CATTGTGCTG CCACAGGTTG GGGGTGGGAT GAAGCATTAT GTGAGAAACT 68601 CATTGTGCTG CCACAGGTTG GGGGTGGGAT GAAGCATTAT GTGAGAAACT 68701 TGAGACGAAA TCTCTCTTTG TTGCCCAGGC TAGAGTGCAGT TGGTGGAGAA 68751 CGGCTCACTG CACCTTCAGT CTCCTGAGT TAGTTGATCC TCCCACCTCA 68701 GTCACCTGAA TAGCTAGGAC TACAGGTGTA CGCCACCACA CCCCACCTAA 68801 GTCACCTGAA TAGCTAGGAC TACAGGTGTA CGCCACCACA CCCCACCTAA 68801 GTCACCTGAA TAGCTAGGAC TACAGGTGTA CGCCACCACA CCCCACCTAA 68901 AGAGTAGTCA TGAATTCCTA GGCTCAAGCA GTCTTCTCCC 68901 AGAGTAGTCA TGAATTCCTA GGCTCAAGCA GTCTTCTCAC CTGGGCATCC 68901 AGAGTAGAAA AACTCTAAC TTGTCACCACGT TTCCACTTGAC 69001 GTGAGGAAAG AGCAGTAGAA AACTCTAAC TTGTCCACCTGA 69101 GTGAGGAAAG AGCAGTAGAA AACTCTAAC TTGTCACCTTAGC 69101 GTGAGGAAAG AGCAGTAGAA AACTCTAAC TTGTCCTTAGC 69101 GTGAGGAAAG AGCAGTAGAA AACTCTAAC TTGTCTTAGC 69101 GTGAGGAAAG AGCAGTAGAA AACTCTAAC TTGTCTTAGC 69101 GTGAGGGAAAG AGCAGTAGAT AACTGTAAC TGGCCTACCTT TCCATCACA 69111 GTTTTCATCA AGTTGTTTT AAATTGTTT AAATTGTTAAGACTTA CTTCACTTAAC TTGTTTCTTTAAACACATAA 69111 TAGAGTGTT TCGCTCAGC TTTCCTTAAC 69111 TAGGTTTTT AAATTGTTT TTTTAAAGAGT CTCCACACTTCAC TTGTTTTTTAACACTAC TTGTTTTTTAAACACT CTCCACACTGT TCCTTTAAC 6911 AATTTCTTCT GCCTCAGC CTCCAAAGTGT CTCACAATTAA TTTTTTTTTT	68151	CTIGGTTIGT	TGICIGGGIC	AGCAGGTGGA	TGGTCTTGGT	GICTAGGICC
68301 TIGGGGTGAT CCTGAAGGCT GAGTTCATGG ATGCCACCTG GCACTGAGGT 68351 GGGCCTIGAA TTCAGGACCA TAGTGGTGGG TCTAGAGCCT GCAAGCCTGG 68451 CTCTTGTGTA GAGGCTGGT GGCAATTTGG GGCTGCAGGT CCAAGCCTGG 68451 CTCTTGTGTA GGCCTAGAGC CTAGAGTCTGC AGGGATCAT CTGTGGGCTGT 68501 GGGGGCTGAC CTTGGGCTGG GATAGGGCAA GTACTGGAAT CTGTGGGCTGT 68501 AGCTGGATGC TTATGTCATC CTTCTTCAT GTGGACAGT CTGTGGGAGG 68551 AGCTGGATGC TTATGTCATC CTTCTTCAT GTGGACAGTA TTTCTCTCA 68601 CATTGTGCTG CCAGAGGTTG GGGGTGGGAT GAAGCATTA GTGAGAAACT TTACTTCATA GATTCTTCAA TGCATGTTTT CTTATTTATT TTATTATTTTT AGCTGCTGAGT CAGCCTCAGG TAGAGGCAGA TAGAGGACAGA TCTCTCTTTG TTGGACAGGA TAGAGGACAGA TAGATGCAGAA TCTCTCTTTT TTGTAGACGT TAGATGCAGA TAGCTAGGAC AGCACTAAT TAGTTGATCC TCCCACCTCA 68801 GTCACCTGAA TAGCTAGGAC TACAGGTGTA CGCCACCACA CCCAGCCTAAT 68851 TTTTTTGTTTT ACTTTATTTTT TTGTAGACGT GGGTTTTCCT TTGTTGGCCTGAC GGCTTCAGT CGCCACCACA CCCAGCCTAAT 68851 CAAATTGCCG GGATTACAGA TGTGGACCTAC GGCTCACACA CTCCACCTCA 68951 CAAATTGCCG GGATTACAGA TGTGGACCTAC TTGTGCCTGAC CTGTTTCCTT TCCACCCAGG TACTCTAATC TCTCACCTTGA ATTTCTTCT TCCACCCAGG TACTCTAATC TCTCACCTTGA TTTTCTTTC TCCACCCAGG TACTCTAATC TCTCACCTTGA ATTTCCTTTC TCCACCCAGG TACTCTAATC TCTCACCTTGA TTTCCTTTACC GGCTCACCTT TTTTTTTTATTTT ACTTTTTTATTTT ACTTTTTCAA GTGTGGGCAA TTGTTCACC CTGGGCATCC 69051 TGTTGGAAGA AACTCCTACT TCTCACCTTGAC TGTTCCTTACC CTGGGCATCC GGCTTCACTGAC ACCAGTAGAA AACTCCTACT TCTCACCTTGAC TGTTCCTTAC GGCCACCTT TTTCACCTTGAC ACCAGTATAACA AACTCCTACC ATTAGAATTAA GGAGATTTCAAC AATTGTTTTT TAGAGCCTTG TAGAGCATTA AACTCAAAATTAA AACAAAAAAA AACAAAAAAA AACAAAAAAAA						
68351 GGGCCTIGAA TICAGGACCA TAGTGGTGGG TCTAGAGCCT GAGACCAGCC 68401 TGGGTCTACA GAGGCTGGTT CGGAATTITG GGCTGCAGGT CCAAGCCTGG 68451 CTCTTGGTA GGCCTAGAGC CTAAGTCTGC AGGGATCCAT CTGGGCTGG 68551 AGCTGGATGC CTTGGGCTGG GATAGGGCAA GTACTGGAAT CTGGGGGAG 68551 AGCTGGATGC TTATGTCATC CTTCTCCAT GTGGACAGTA TTTCTCCCA 68601 CATTGTGCTG CCAGAGGTTG GGGGTGGGAT GAAGCATTA GTGAGACAACT 68651 TTACTTCCTA GATTCTTCAA TGCATGTTTT CTTATTTATT TATTATTTTT 68701 TGAGACGAAA TCTCTCTTTG TTGCCCAGGC TAGAGTGCAG TGGTGCGACA 68751 CGGCTCACTG CAGCTTCAGT CTCCTGAGTT TAGTTGATCC TCCCACCTCA 68701 GTCACCTGAA TAGCTAGGAC TACAGGTGTA CGCCCACCACA CCCCAGCTAAT 68851 TTTTTGTTTT ACTTTATTTT TTGTAGACCT AGCTTCAGT TAGTTGATCC TGTGGCTCAC 68901 AGAGTAGTCA TGAATTCCTA GGCTCAAGCA GTCTTCTCCC CTGGGCATCC 68901 AGAGTAGTCA TGAATTCCTA GGCTCAAGCA GTCTTCTCCC CTGGGCATCC 68951 CAAATTGCCG GGATTACAGA TGTGGGCCAC GCCACCACA CCCCAGCTAAT 69001 ATTTTTTTTT TCCACCCAGG TACAGGCTAC TGTGCCTGGC CTGTTTCCTT CGOOCATCA GGCTTCAGC GGATTACAGA TGTGGGCCAA TTGTTCCTCAC CTGGGCATCC 69051 TGTTGGAAG GTATTTTCAA GGTGGGGCAA TTGTTCCACC CTGGGCATCC 69051 GTGGGGAAAA ACCCCAGG AACCCTTATC TCCACCTT TCCATCACC GGTATTTCTT ACTTTTCTTAGC GTATATTTCT TAGAGCCTTG TTAGAGCTTA TAGAGCCTTG TTAGAGCTTA TAGAGCCTTT TCCATCACC ATTAGAAATT TAGAGCCTTG TTAGAGCAGT CTCACTTCAC AAACCTACAC AGTTGTACTC TTTCATCAC AGAGTATTAC AAATTTTTTT TTTTTTTTTT	683U1	TOGGGGTGAT	CCTGAAGGCT	GAGTTCATGG	ATGCCACCTG	CACTGAGGT
68401 TIGGITTACA GAGGCTIGIT CIGGAATTTIG GGCTGCAGGT CCAAGCCTIGG 68451 CTCTTGTGTA GGCCTAGAGC CTAAGTCTGC AGGGATCCAT CCTGGGCTTG 68501 GGGGGTGCA CTTGGGCTGG GATAGGGCAA GTACTGGAAT CTGTGGGAG 68551 AGCTGGATGC TTATGTCATC CTTCTTCCAT GTGACACGTAT THTCTCTCCA 68601 CATTGTGCTG CCAGAGGTTG GGGGTGGGAT GAAGCAATTTA GTGAGAAACT 68651 TTACTTCCTA GATTCTTCAA TGCATGTTTT CTTATTTATT TATTATTTTT 68701 TGAGACGAAA TCTCTCTTTG TTGCCCAGGC TAGAGTGCAG TGGTGCGACA 68751 CGGCTCACTG CAGCTTCAGT CTCCTGAGTT TAGTTGATCC TCCCACCTCA 68801 GTCACCTGAA TAGCTAGGAC TACAGGTGTA CGCCCACCACA CCCAGCTAAT 6881 TTTTTTTTT TTTTTTTTT TTTTTTTTTTTTTTT						
68451 CTCTTGIGTA GGCCTAGAGC CTAAGTCTGC AGGGATCCAT CCTGGGCTGT 68501 GGGGGCTGAC CTTGGGCTGG GATAGGCCAA GTACTGGAAT CTGTGGGGAG 68551 AGCTGGATGC TTATGTCATC CTTCTCCAT GTGGACAGTA TTTCTCCCA 68601 CATTGTGCTG CCAGAGGTTG GGGTGGGAT GAAGCATTA GTGAGAAACT 68651 TTACTTCCTA GATTCTTCAA TGCATGTTTT CTTATTTATT TATTATTTTT 68701 TGAGACGAAA TCTCTCTTTG TTGCCCAGGC TAGAGTGCAG TGGTGGACAC 68751 CGGCTCACTG CAGCTTCAGT CTCCTGAGTT TAGTTGATCC TCCCACCTCA 68801 GTCACCTGAA TAGCTAGGAC TACAGGTGTA CGCCACCACA CCCAGCTAAT 68851 TTTTTTGTTTT ACTTTATTTT TTTTGAGACGT GGTTTTCTC TTGGTTGCCC 68901 AGAGTAGTCA TGAATTCCTA GGCTCAAGCA GTCTTCTCAC CTGGGCATCC 68901 CAAATTGCCG GGATTACAGA TGGTGGCCACCACA CCCAGCTAAT 68901 ATTTTTGTTC TCCACCCAGG TACTCTAATC TGTGCCTGGC CTGGTTCCTT 69001 ATTTTTGTTC TCCACCCAGG TACTCTAATC TGTGCCTGGC CTGGTTTCCT 69010 GTGAGGAAAG AGCAGTAGAA AACTCCTATT CTGCCTGGC CTGTTTCCT 69101 GTGAGGAAAG AGCAGTAGAA AACTCCTATT CTGCCACCTT TCCATCATCA 69151 GTTTCATCAC AGTTGTACTC TTTCAGAGAGTC TGGCCACCTT TCCATCATCA 69201 TTTGAAAACT TAGAGCCTTG TTAGAGAGTC TGGCCACCTT TCCATCATCA 69301 TAATGTTTTT AATTTTTTT TAGAGAGGTC TGGCCTGGC CTGTTTCCTT 69401 ATTTTGTTC AATTTTTTT TTTGAGAGAGTC TGGCCTGGC CTGCTTTAC 69501 AATTTCTCTG CTCAAACGAT CCTAAAAATAA AACAAAAAAC AAAACAAAAGG 69351 AAACTAAAAT GATATTAGAT GCAGTCTTAG CTCAAAAATAA AACAAAAAAC AAAACAAAAGG 69351 ATTTCTTTG CTCAAACGAT CCTCAAGAT GCAGTCCTAG CTCACTTCAC TTGTGCTTCAC 69501 AATTTCTTTG CTCAAACGAT CCTCTTATTA AATTTTTTT 69451 CCAGGCTGGA GTGCAATGGT CCCCAAGGT CTCACTTCAC TTGTGCTTCAC 69501 AATTTCTTTG CTCAAACGAT CCTCTTATTA AATTTTTTT 7TTTAAAGAG GCAGGAGCTC TCTCTTTTTA TTTTTTTTTT	68401	TGGGTCTACA	GAGGCTGGTT	CGGAATTTGG	GGCTGCAGGT	CCAAGCCTGG
68551 AGCTIGATIGC TTATIGTICATC CITICTTCCAT GTIGACAGTA TTTICTCTCA 68601 CATTIGTICTG CCAGAGGTTG GGGGTGGGAT GAAGCATTTA GTIGAGAAACT 68651 TTACTTCCTA GATTCTTCAA TGCATGTTTT CITATTATT TATTATTTTT 68701 TGAGACGAAA TCTCCTTTTTT TTGCACCCAGC TAGAGTGCAG TGGTGGACA 68751 CGGCTCACTG CAGCTTCAGT CTCCTGAGTT TAGATGCAC TCCCCACCTCA 68801 GTCACCTGAA TAGCTAGGAC TACAGGTGTA CGCCACCAC CCCAGCTAAT 68851 TTTTTGTTT ACTITATTTT TIGTAGACGT GGGTTTTCTC TGTGTTGCCC 68901 AGAGTAGTCA TGAATTCCTA GGCTCAAGCA GTCTTCTCAC CTGGGCATCC 68901 AGAGTAGTCA TGAATTCCTA GGCTCAAGCA GTCTTCTCAC CTGGGCATCC 68951 CAAATTGCCG GGATTACAGA TGTGAGCTAC TGTGCCTGGC CTGTTTCCTT 69001 ATTTTTGTTC TCCACCCAGG TACTCTAATC TCTCACTTGG ATTCCTTAGC 69051 TGTTGGAAG GTATTTTCAA GTGTGGGCAA TTGTTCAGC TGCACCTT TCCATCATCA 69151 GTTTCATCAC AGTTGTACTC TTTCTTGCAA AAACTCTACC ATTAGAATTAC 69101 GTGAGGAAAG AGCAGTAGAA AACTCCTATT CTGCCACCTT TCCATCATCA 69201 TTTGAAAACT TAGAGCCTTG TTAGAGAGTC TGGCCACCTT TCCATCATCA 69301 TAATGTTTTT AAATTGTTAG CTAAAAATAA AACAAAAAAAC AAAACAAAAGG 69351 AAACTAAAAT GATATTAGAT AAATTGATCA TAGTTCCTTT GGTCACTTTAC 69501 AATTTCTCTC CTCAAAAGGAT CTAAAAATAA AACAAAAAAAC AAAACAAAAGG 69351 AAACTAAAAT GATATTAGAT AAATTGATTA AATTTTTTAT TTTTTTTT	68451	CTCTTGTGTA	<b>GGCCTAGAGC</b>	CTAAGTCTGC	<b>AGGGATCCAT</b>	CCTGGGCTGT
68601 CATTIGIGCIG CCAGAGGTIG GGGGTGGGAT GAAGCATITA GTGAGAAACT 68651 TIACITICCTA GATTICTICAA TGCATGTTTT CITATTATT TATTATTTTT 68701 TGAGAGGAAA TCTCTCTTIG TIGCCCAGGC TAGAGTGCAG TGGTGGGACA 68751 CGGCTCACTG CAGCTTAGGC TCCCTGAGTT TAGTTGATCC TCCCCACCTCA 68801 GTCACCTGAA TAGCTAGGAC TACAGGTGTA CGCCACCACA CCCAGCTAAT 68851 TTTTTGTTTT ACTTTATTTT TIGTAGAGCT CGGGTTTTCTC TGTGTTGCCC 68901 AGAGTAGTCA TGAATTCCTA GGCTCAAGCA GTCTTCTCAC CTGGGCATCC 68951 CAAATTGCCG GGATTACAGA TGTGAGCTAC TGTGTCTCAC CTGGGCATCC 68951 TGTTGTGAAG GTATTTTCAA GTGTGGGCACA TTCTCACCTTGG ATTCCTTAGC 69051 TGTTGTGAAG GTATTTTCAA GTGTGGGCACA TTGTTCAAGC TGATATTTCT 69101 GTGAGGAAAG AGCAGTAGAA AACTCCTAATC TCTCACCTTGG ATTCCTTAGC 69151 GTTTCATCAC AGTTGTACTC TTTCTTGCAA AAACTCTACC ATTAGAATTA 69201 TTTGAAAACT TAGAGCCTTG TTAGAGCGTT TCCATCATCA 69251 CCTCACTGTG TATAGGCGTT TCAGTATCA TAGTTCTCTTA 69251 CCTCACTGTG TATAGGCGTT TCAGTATCA TAGTTCTCTTA 69301 TAATGTTTTT AAATTGTTAG CTAAAAAAAAA AACAAAAAAAC AAAACAAAAGG 69351 AAACTAAAAT GATATTAGAT AAATTGTTTT 69451 CCAGGCTGGA GTGCAATGGT GCAGTCCTAG CTCACTTCAC TGTGCCTCTT 69451 CCAGGCTGGA GTGCAATGGT GCAGTCCTAG CTCACTTCAC TGTAGCGTCA 69501 AATTTCTCTG CTCAAACGAT CCTCCTAGCT TCTCTTGTCT 69451 CCAGGCTGGA GTGCAATGGT GCAGTCCTAG CTCACTTCAC TGTAGCGTCA 69501 AATTTCTCTG CTCAAACGAT CCTCCTAGCT TCTCTTTTATTTTTTTTTT	68501	GGGGGCTGAC	CTTGGGCTGG	GATAGGGCAA	<b>GTACTGGAAT</b>	CTGTGGGGAG
68651 TTACTTCCTA GATTCTTCAA TGCATGTTTT CTTATTTATT TATTATTTTT 68701 TGAGACGAAA TCTCTCTTTG TTGCCCAGGC TAGAGTGCAG TGGTGCGACA 68751 CGGCTCACTG CAGCTTCAGT CTCCTGAGTT TAGTTGATCC TCCCACCTCA 68801 GTCACCTGAA TAGCTAGGAC TACAGGTGTA CGCCACCACA CCCCAGCTAAT 68851 TTTTTGTTTT ACTTTATTTT TTGTAGACGT GGGTTTTCTC TGTGTTGCCC 68901 AGAGTAGTCA TGAATTCCTA GGCTCAAGCA GTCTTTCTCA CTGGGCATCC 68951 CAAATTGCCG GGATTACAGA TGTGGAGCTAC TGTGCCTGGC CTGTTTCCTT 69001 ATTTTTGTTC TCCACCCAGG TACTCTAATC TCTCACTTGG ATTCCTTAGC 69051 TGTTGTGAAG GTATTTCAA GTGTGGGCAA TTGTTCAAGC TGATATTCT 69101 GTGAGGAAAG AGCAGTAGAA AACTCCTATT CTGCCACCTT TCCATCACC 69151 GTTTCATCAC AGTTGTACTC TTTCTTGCAA AAACTCTACC ATTAGAATTA 69201 TTTGAAAACT TAGAGCCTTG TTAGAGAGTC TGGCCTAGTT GTATCCTTTA 69201 TATTGTTTT AAATTGTTAG CTAAAAATAA AACAAAAAAC AAAACAAAAG 69351 AAACTAAAAT GATATTAGAT CAAAATAA AACAAAAAAC AAAACAAAAGC 69351 AAACTAAAAT GATATTAGAT CAAAATAA AACAAAAAAC AAAACAAAAGG 69401 ATTTGTTTTC AATTTTTTT TTTTTAAGAGTT GCAGCTTCAC TGTGCCTCAC 69501 AATTTCCTG CTCAAACGAT CCTCCTGACT CAGCCTTCTG AGCAGTTGAA 69601 GACGAGGTCT TGCTTTGTTG CGCAGACTC CTCACTTCAC TGTAGCGTCA 69601 GACGAGGTCT TGCTTTGTTG CGCAGACTCG TCTCACTTCAC TGTAGCCTCAA 69601 CACCATGCTG GACCTGTTTT CCCTTTTAAA AGTTATTTAT TTTTTTTTTT						
68701 TGAGACGAAA TCTCTCTTTG TTGCCCAGGC TAGAGTGCAG TGGTGCGACA 68751 CGGCTCACTG CAGCTTCAGT CTCCTGAGTT TAGTTGATCC TCCCACCTCA 68801 GTCACCTGAA TAGCTAGGAC TACAGGTGTA CGCCACCACA CCCAGCTAAT 68851 TTTTTGTTTT ACTITATTTT TTGTAGACGT GGGTTTCTC TGTGTTGCCC 68901 AGAGTAGTCA TGAATTCCTA GGCTCAAGCA GTCTTCTCAC CTGGGCATCC 68951 CAAATTGCCG GGATTACAGA TGTGAGCTAC TGTGCCTGGC CTGTTTCCTT 69001 ATTTTTGTT TCCACCCAGG TACTCTAATC TCTCACTTGG ATTCCTTAGC 69051 TGTTGGAGG GTATTTTCAA GTGTGGGCAA TTGTTCAAGC TGCACCCTT TCCATCATC 69101 GTGAGGAAAG AGCAGTAGAA AACTCCTATT CTCACCCTT TCCATCATCA 69151 GTTTCATCAC AGTTGTACTC TTTCTTGCAA AACTCCTACC ATTAGAATTA 69201 TTTGAAAACT TAGAGCCTTG TTAGAGAGTC TGGCCACCTT TCCATCATCA 69301 TAATGTTTTT AAATTGTAGT TAGAGCGTT TCAGTATCCA TAGTTCTCTT GGTCATTAAC 69301 TAATGTTTTT AAATTGTTAG CTAAAAATAA AACAAAAAAC AAAACAAAAGG 69351 AAACTAAAAT GATATTAGAT AAATTGAATAA AACAAAAAAC AAAACAAAAGG 69401 ATTTGTTTC AATTTTTTTT TTTTTAAAGAG GCAGGAGCTC TCTCTGTCTT GGTCATTTAGGGTTAAGG GAGAATGGT GCAGTCCTAG CTCACTTCAC TGTAGCGTCA 69501 AATTTCTTG CTCAAACGAT CCTCCTAGCT CAGCCTTCTAC TGTAGCGTCA 69501 AATTTCTCTC TGCTCAGCC TCCCAAAGGT CCTCCTAACTT CTCCCAAACGAT CTCCCAAAGTT CAGCCTTCTA AGCAGTTGA 6951 ATGACCAGCA CATGCCATTG CACCTTATTA AATTTTTAT TTTTTTTTTT						
68751 CGGCTCACTG CAGCTTCAGT CTCCTGAGTT TAGTTGATCC TCCCACCTCA 68801 GTCACCTGAA TAGCTAGGAC TACAGGTGTA CGCCACCACA CCCAGCTAAT 68851 TTTTTGTTTT ACTITATTTT TTGTAGACGT GGGTTTTCTC TGTGTTGCCC 68901 AGAGTAGTCA TGAATTCCTA GGCTCAAGCA GTCTTCTCAC CTGGGCATCC 68951 CAAATTGCCG GGATTACAGA TGTGAGCTAC TGTGCCTGGC CTGTTTCCTT 69001 ATTTTTGTTC TCCACCCAGG TACTCTAATC TCTCACTTGG ATTCCTTAGC 69051 TGTTGGAAG GTATTTTCAA GTGTGGGCAA TTGTTCAAGC TGATATTCT 69101 GTGAGGAAAG AGCAGTAGAA AACTCCTATT CTGCCACCTT TCCATCATCA 69151 GTTTCATCAC AGTTGTACTC TTTCTTGCAA AAACTCTACC ATTAGAATTA 69251 CCTCACTGTG TATAGGCGTT TCAGTATCCA TAGTTCTCTT GGTCATTAAC 69301 TAATGTTTTT AAATTGTTAG CTAAAAATAA AACAAAAAAC AAAACAAAAGG 69351 AAACTAAAAT GATATTAGAT AAATTGATAA GACAATGTGG AATGATAAGG 69401 ATTTGTTTC AATTTTTTT TTTTAAAGAG GCAGGAGCTC TCTCTGTCTT 69451 CCAGGCTGGA GTGCAATGGT GCAGTCCTAG CTCACTTCAC TGTAGCGTCA 69501 AATTTCTCTG CTCAAACGAT CCTCCTGACT CAGCCTTCTG AGCAGTTGA 69501 AATTTCTCTG CTCAAACGAT CCTCCTGACT CAGCCTTCAC TGTAGCGTCA 69501 AATTTCTCTG CTCAAACGAT CCTCCTGACT CAGCCTTCTG AGCAGTTGAA 69651 ATGATCCTCC TGCCTCAGCC TCCCAAAGTG CTAAAATTAC AGTGACTAA TTTTTTTTTT						
68801 GTCACCTGAA TAGCTAGGAC TACAGGTGTA CGCCACCACA CCCAGCTAAT 68851 TITTTIGTTT ACTITATITT TIGTAGACGT GGGTTTTCTC TIGTGTGCCC 68901 AGAGTAGTCA TGAATTCCTA GGCTCAAGCA GTCTTCTCAC CTGGGCATCC 68951 CAAATTGCCG GGATTACAGA TGTGAGCTAC TIGTGCCTGGC CTGTTTCCTT 69001 ATTTTTGTTC TCCACCCAGG TACTCTAATC TCTCACTTGG ATTCCTTAGC 69051 TIGTIGTGAAG GTATTTTCAA GTGTGGGCAA TTGTTCAAGC TGATATTTCT 69101 GTGAGGAAAG AGCAGTAGAA AACTCCTAATT CTGCCACCTT TCCATCATCA 69151 GTTTCATCAC AGTTGTACTC TTTTCTTGCAA AAACTCTACC ATTAGAATTA 69201 TTTGAAAACT TAGAGCCTTG TTAGAGAGTC TGGCCTAGTT GTATCCTTTA 69251 CCTCACTGTG TATAGGCGTT TCAGTATCCA TAGTTCTCTT GGTCATTAAC 69301 TAATGTTTTT AAATTGTTAG CTAAAAATAA AACAAAAAAC AAAACAAAAGG 69351 AAACTAAAAT GATATTAGAT AAATGAAGTA GACAATGTGG AATGATAAGG 69401 ATTTGTTTC AATTTTTTT TTTTTAAAGAG GCAGGAGCTC TCTCTGTCTT 69451 CCAGGCTGGA GTGCAATGGT GCAGTCCTAG CTCACTTCAC TGTAGCGTCA 69501 AATTTCTCTG CTCAAACGAT CCTCCTGACT CAGCCTTCTG AGCAGTTGAA 69501 AATTTCTCTG CTCAAACGAT CCTCCTGACT CAGCCTTCTG AGCAGTTGAA 69601 GACGAGGTCT TGCTTTGTTG CGCAGACTGG TCTGGAACTC GTGGCTTCAA 69601 GACGAGGTCT TGCTTTGTTG CGCAGACTGG TCTGGAACTC GTGGCTTCAA 69601 CACCATGCTG GACCTGTTT CCCTTTAAAA AGTGAATTAC CGGCGCAAGC 69701 CACCATGCTG GACCTGTTT CCCTTTAAAA AGTGAATTAA TTTCCTCGAAC 69751 AATGGTTTT GTGTGTGTG GACCTGTTTAAA AGTGTTTTAA TTTCCTCGAAC 69851 TTTATCATTA TGGAGTGATC AAAAGGATTT CTTATTGGAAA CTTAGTTTGCC 69801 CAATAGTTTC TTTCTCTGTG GACCTCCTCAGA AGCTCTTTAA TATGCCAATAA 69851 TTTATCATTA TGGAAGTGATC AAAAGGATTT CTTATTGGAAA CTTAGTTTGCC 69901 ATGGCTTGGG GAGCAGGAC TTTTTTGTATT TTTCCAATGAAA	69751	CCCCTCACTC	CACCITICACT	CTCCTGAGT	TACTTCATTC	TCCCACCTCA
68851 TTTTIGITIT ACTITATITI TIGTAGACGT GGGTTTICTC TGIGTIGCCC 68901 AGAGTAGICA TGAATTCCTA GGCTCAAGCA GICTICTCAC CIGGGCATCC 68951 CAAATTGCCG GGATTACAGA TGIGAGCTAC TIGTGCCTGGC CIGTTTCCTT 69001 ATTTTIGTIC TCCACCCAGG TACTCTAATC TCTCACTTGG ATTCCTTAGC 69051 TIGTIGTGAAG GTATTTCAA GTIGTGGGCAA TTIGTTCAAGC TGATATTTCT 69101 GTGAGGAAG AGCAGTAGAA AACTCCTATT CTGCCACCCTT TCCATCATCA 69151 GTTTCATCAC AGTTGTACTC TTTTCTTGCAA AAACTCTACC ATTAGAATTA 69201 TTTGAAAACT TAGAGCCTTG TTAGAGAGTC TGGCCTAGTT GTATCCTTTA 69251 CCTCACTGTG TATAGGGGTT TCAGTATCCA TAGTTCTCTT GGTCATTAAC 69301 TAATGTTTTT AAATTGTTAG CTAAAAATAA AACAAAAAAC AAAACAAAAGG 69351 AAACTAAAAT GATATTAGAT AAATGAAGTA GACAATGTGG AATGATAAGG 69401 ATTTGTTTC AATTTTTTT TTTTTAAAGAG GCAGGAGCTC TCTCTGTCTT 69451 CCAGGCTGGA GTGCAATGGT GCAGTCCTAG CTCACTTCAC TGTAGCGTCA 69501 AATTTCTCTG CTCAAACGAT CCTCCTGACT CAGCCTTCTG AGCAGTTGGA 6951 ATAGCAGGAC CATGCCATTG CACCTTATTA AATTTTTAT TTTTTTTTTT						
68901 AGAGTAGTCA TGAATTCCTA GGCTCAAGCA GTCTTCTCAC CTGGGCATCC 68951 CAAATTGCCG GGATTACAGA TGTGAGCTAC TGTGCCTGGC CTGTTTCCTT 69001 ATTTTTGTTC TCCACCCAGG TACTCTAATC TCTCACTTGG ATTCCTTAGC 69051 TGTTGTGAAG GTATTTTCAA GTGTGGGCAA TTGTTCAAGC TGATATTTCT 69101 GTGAGGAAAG AGCAGTAGAA AACTCCTATT CTGCCACCTT TCCATCATCA 69151 GTTTCATCAC AGTTGTACTC TTTCTTGCAA AAACTCTACC ATTAGAATTA 69201 TTTGAAAACT TAGAGCCTTG TTAGAGGGTT TCAGTATCCA TAGTTCTCTTTA 69251 CCTCACTGTG TATAGGGGTT TCAGTATCCA TAGTTCTCTTT GGTCATTAAC 69301 TAATGTTTTT AAATTGTTAG CTAAAAATAA AACAAAAAAC AAAACAAAGG 69351 AAACTAAAAT GATATTAGAT AAATTGAAGAGTA GACAATGTGG AATGATAAGG 69401 ATTTGTTTC AATTTTTTT TTTTTAAAGAG GCAGGAGCTC TCTCTGTCTT 69451 CCAGGCTGGA GTGCAATGGT GCAGTCCTAG CTCACTTCAC TGTAGCGTCA 69501 AATTTCTCTG CTCAAACGAT CCTCCTGACT CAGCCTTCTAC TGTAGCGTCA 69501 AATTTCTCTG CTCAAACGAT CCTCCTGACT CAGCCTTCTA AGCAGTTGGA 69601 GACGAGGTCT TGCTTTGTTG CGCAGACTGG TCTGGAACTC GTGGCTTCAA 69651 ATGATCCTCC TGCCTCAGCC TCCCAAAGTG CTAAAATTGC CGGCGCAAGC 69701 CACCATGCTG GACCTGTTTT CCCTTTTAAA AGTTGTTGGT TAAATAAAAC 69651 ATGATCCTCC TGCCTCAGCC TCCCAAAGTG CTAAAATTGC CGGCGCAAGC 69701 CACCATGCTG GACCTGTTTT CCCTTTTAAA AGTTGTTGGT TAAATAAAAC 69851 ATGATCCTCC TGCCTCAGCC TCCCAAAGTG CTAAAATTGC CGGCGCAAGC 69701 CACCATGCTG GACCTGTTTT CCCTTTTAAA AGTTGTTGGT TAAATAAAAC 69851 ATTGTTCTTT GTGGTCATAT AAGTTTTGGGA ATTGTTGAAATA AAGTTTTAAA TATGCAAATA AAGTTTTTAAA TATGCAAATAA 69851 TTTATCATTA TGAAGTGATC AAAAGGATTT CTTATTGGAAA CTTAGTTTGCC 69901 ATGGCTTGGG GAGCAGGAC TTTTTTGTATT TTGCAATGTG AATGCAATAA	68851	TITIGITE	ACTITATITE	TIGTAGACGT	GGTTTTCTC	TGTGTTGCCCC
6901 ATTITIGITC TCCACCCAGG TACTCTAATC TCTCACTIGG ATTCCTTAGC 69051 TGTIGIGAAG GTATTITCAA GTGTGGGCAA TTGTTCAAGC TGATATTTCT 69101 GTGAGGAAAG AGCAGTAGAA AACTCCTATT CTGCCACCTT TCCATCATCA 69151 GTTTCATCAC AGTTGTACTC TTTCTTGCAA AAACTCTACC ATTAGAATTA 69201 TTTGAAAACT TAGAGCCTTG TTAGAGAGTC TGGCCTAGTT GTATCCTTTAA 69251 CCTCACTGTG TATAGGCGTT TCCATACCA TAGTTCTCTT GGTCATTAAC 69301 TAATGTTTTT AAATTGTTAG CTAAAAATAA AACAAAAAAC AAAACAAAGG 69351 AAACTAAAAT GATATTAGAT AAATGAAGTA GACAATGTGG AATGATAAGG 69401 ATTTGTTTTC AATTTTTTT TTTTAAAGAG GCAGGAGCTC TCTCTGTCTT 69451 CCAGGCTGGA GTGCAATGGT GCAGTCCTAG CTCACTTCAC TGTAGCGTCA 69501 AATTTCTCTG CTCAAACGAT CCTCCTGACT CAGCCTTCTAC TGTAGCGTCA 69501 AATTTCTCTG CTCAAACGAT CCTCCTGACT CAGCCTTCTG AGCAGTTGGA 69601 GACGAGGTCT TGCTTTGTTG CGCAGACTGG TCTGGAACTC GTGGCTTCAA 69651 ATGATCCTCC TGCCTCAGCC TCCCAAAGTG CTAAAATTGC CGGCGCAAGC 69701 CACCATGCTG GACCTGTTTT CCCTTTTAAA AGTGATTAAA TTTCCTCGAAC 69751 AATGTGTTTT GTGTTGTGG GACCTCTCAG AGTGCTTTAA TATGCAAATA 69851 TTTATCATTA TGAAGTGATC AAAAGGATTT CTTATGGAAA CTTAGTTGCC 69801 CAATAGTTTC TTTCTTGCTG GACCTCCTCAG AGTCCTTTAA TATGCAAATA 69851 TTTATCATTA TGAAGTGATC AAAAGGATTT CTTATGGAAA CTTAGTTTGCC 69901 ATGGCTTGGG GAGCAGGAC TTTTTTGTATT TTGCAATGTG AATGCAATAA	68901	<b>AGAGTAGTCA</b>	<b>TGAATTCCTA</b>	<b>GGCTCAAGCA</b>	GTCTTCTCAC	CTGGGCATCC
69051 TIGTIGIGAAG GTATTITICAA GTGTGGGCAA TIGTICAAGC TGATATTICT 69101 GTGAGGAAAG AGCAGTAGAA AACTCCTATT CTGCCACCTT TCCATCATCA 69151 GTTTCATCAC AGTTGTACTC TTTCTTGCAA AAACTCTACC ATTAGAATTA 69201 TTTGAAAACT TAGAGCCTTG TTAGAGCGTT TCAGTATCCA TAGGTCTTTAA 69251 CCTCACTGTG TATAGGCGTT TCAGTATCCA TAGGTCTTTA GGTCATTAAC 69301 TAATGTTTTT AAATTGTTAG CTAAAAATAA AACAAAAAAC AAAACAAAGG 69351 AAACTAAAAT GATATTAGAT AAATGAAGTA GACAATGTGG AATGATAAGG 69401 ATTTGTTTTC AATTTTTTTTTTTTAAAGAG GCAGGAGCTC TCCTGTCTT 69451 CCAGGCTGGA GTGCAATGGT GCAGTCCTAG CTCACTTCAC TGTAGCGTCA 69501 AATTTCTCTG CTCAAACGAT CCTCCTGACT CAGCCTTCTG AGCAGTTGGA 6951 ATAGCAGGCA CATGCCATTG CACCTTATTA AATTTTTAT TTTTTGTAGA 69601 GACGAGGTCT TGCTTTGTTG CGCAGACTGG TCTGGAACTC GTGGCTTCAA 69651 ATGATCCTCC TGCCTCAGCC TCCCAAAGTG CTAAAATTGC CGGCGCAAGC 69701 CACCATGCTG GACCTGTTTT CCCTTTTAAA AGTGACTATA TTCCTCGAAC 69601 CAATAGTTTC TTTCTTGTTG GACCTCTCAG ATTGTTTAA TTTCCTCGAAC 69801 CAATAGTTTC TTTCTTGCTG GACCTCTCAG AGTCCTTAA TATGCAAATA 69851 TTTATCATTA TGAAGTGATC AAAAGGATTT CTTATGGAAA CTTAGTTTGCC 69901 ATGGCTTCGG GAGCAGGAC TTTTTGTATT TTGCAATGT AATGCAATAA 69851 TTTATCATTA TGAAGTGATC AAAAGGATTT CTTATGGAAA CTTAGTTTGCC 69901 ATGGCTTCGG GAGCAGGAC TTTTTTGTATT TTGCAATGT AATGCAATAA	68951	CAAATTGCCCG	<b>GGATTACAGA</b>	TGTGAGCTAC	TGTGCCTGGC	CTGTTTCCTT
69101 GTGAGGAAAG AGCAGTAGAA AACTCCTATT CTGCCACCTT TCCATCATCA 69151 GTTTCATCAC AGTTGTACTC TTTCTTGCAA AAACTCTACC ATTAGAATTA 69201 TTTGAAAACT TAGAGCCTTG TTAGAGAGTC TGGCCTAGTT GTATCCTTTA 69251 CCTCACTGTG TATAGGCGTT TCAGTATCCA TAGTTCTCTT GGTCATTAAC 69301 TAATGTTTTT AAATTGTTAG CTAAAAATAA AACAAAAAAC AAAACAAAGG 69351 AAACTAAAAT GATATTAGAT AAATGAAGTA GACAATGTGG AATGATAAGG 69401 ATTTGTTTC AATTTTTTT TTTTAAAGAG GCAGGACTC TCTCTGTCTT 69451 CCAGGCTGGA GTGCAATGGT GCAGTCCTAG CTCACTTCAC TGTAGCGTCA 69501 AATTTCTCTG CTCAAACGAT CCTCCTGACT CAGCCTTCTG AGCAGTTGGA 69551 ATAGCAGGCA CATGCCATTG CACCTTATTA AATTTTTTAT TTTTTGTAGA 69601 GACGAGGTCT TGCCTCAGCC TCCCAAAGTG CTAAAATTGC CTGGCCTCAA 69651 ATGATCCTCT TGCCTCAGCC TCCCAAAGTG CTAAAATTGC CTGGCCTCAA 69651 AATGTGTTTT GTGGTCATAT AAGTTTTGGG ATTGTTGGTT TAAATAAAAC 69801 CAATAGTTTC TTTTCTGCTG GACCTCCTCAG ATTGTTGGTT TAAATAAAAC 69801 CAATAGTTTC TTTTCTGCTG GACCTCCTCAG AGTCTTTAA TATGCAAATA 69851 TTTATCATTA TGAAGTGATC AAAAGGATTT CTTATTGGAAA CTTAGTTGCC 69901 ATGGCTTGGG GAGCAGGAC TTTTTTGTATT TTTGCAATGTG AATGCAATAA	69001	ATTTTGTTC	TOCACCCAGG	TACTCTAATC	TCTCACTTGG	ATTCCTTAGC
69151 GITTCATCAC AGTTGTACTC TITICTIGCAA AAACTCTACC ATTAGAATTA 69201 TITIGAAAACT TAGAGCCTTG TTAGAGAGTC TGGCCTAGTT GTATCCTTTA 69251 CCTCACTGTG TATAGGCGTT TCAGTATCCA TAGTTCTCTT GGTCATTAAC 69301 TAATGTTTTT AAATTGTAG CTAAAAATAA AACAAAAAC AAAACAAAGG 69351 AAACTAAAAT GATATTAGAT AAATGAAGTA GACAATGTGG AATGATAAGG 69401 ATTTGTTTC AATTTTTTT TTTTAAAGAG GCAGGACTC TCTCTGTCTT 69451 CCAGGCTGGA GTGCAATGGT GCAGTCCTAG CTCACTTCAC TGTAGCGTCA 69501 AATTTCTCTG CTCAAACGAT CCTCCTGACT CAGCCTTCTG AGCAGTTGGA 69551 ATAGCAGGCA CATGCCATTG CACCTTATTA AATTTTTTAT TTTTTGTAGA 69601 GACGAGGTCT TGCCTCAGCC TCCCAAAGTG CTAAAATTGC CGGCGCAAGC 69701 CACCATGCTG GACCTGTTTT CCCTTTAAA AGTGACTATA TTCCTCGAAC 69751 AATGTGTTTT GTGGTCATAT AAGTTTTGGG ATTGTTGGTT TAAATAAAAC 69801 CAATAGTTTC TTTTCTGCTG GACCTCCTCAG AGTCTTTAA TATGCAAATA 69851 TTTATCATTA TGAAGTGATC AAAAGGATTT CTTATGGAAA CTTAGTTGCC 69901 ATGGCTTGGG GAGCAGGAC TTTTTTGTATT TTGCAATGTG AATGCAATAA						
69201 TTTGAAAACT TAGAGCCTTG TTAGAGAGTC TGGCCTAGTT GTATCCTTTA 69251 CCTCACTGTG TATAGGGGTT TCAGTATCCA TAGTTCTCTT GGTCATTAAC 69301 TAATGTTTTT AAATTGTAG CTAAAAATAA AACAAAAAC AAAACAAAGG 69351 AAACTAAAAT GATATTAGAT AAATGAAGTA GACAATGTGG AATGATAAGG 69401 ATTTGTTTTC AATTTTTTT TTTTAAAGAG GCAGGAGCTC TCTCTGTCTT 69451 CCAGGCTGGA GTGCAATGGT GCAGTCCTAG CTCACTTCAC TGTAGCGTCA 69501 AATTTCTCTG CTCAAACGAT CCTCCTGACT CAGCCTTCTG AGCAGTTGGA 69551 ATAGCAGGCA CATGCCATTG CACCTTATTA AATTTTTTAT TTTTTGTAGA 69601 GACGAGGTCT TGCTTTGTTG CGCAGACTCG TCTCGAACTC GTGGCTTCAA 69651 ATGATCCTCC TGCCTCAGCC TCCCCAAAGTG CTAAAATTGC CGGCGCAAGC 69701 CACCATGCTG GACCTGTTTT CCCCTAAAGTG CTAAAAATTGC CGGCGCAAGC 69701 CACCATGCTG GACCTGTTTT CCCCTTAAA AGTGACTATA TTCCTCGAAC 69851 ATTGTGTTT GTGGTCATAT AAGTTTTGGG ATTGTTGGTT TAAATAAAAC 69851 TTTATCATTA TGAAGTGATC AAAAGGATTT CTTATGGAAA CTTAGTTGCC 69901 ATGGCTTGGG GAGCAGGAC TTTTTTGTATT TTGCAATGTG AATGCAATAA						
69251 CCTCACTGTG TATAGGGTT TCAGTATCCA TAGTTCTCTT GGTCATTAAC 69301 TAATGTTTTT AAATTGTAG CTAAAAATAA AACAAAAAC AAAACAAAGG 69351 AAACTAAAAT GATATTAGAT AAATGAAGTA GACAATGTGG AATGATAAGG 69401 ATTTGTTTC AATTTTTTT TTTTAAAGAG GCAGGAGCTC TCTCTGTCTT 69451 CCAGGCTGGA GTGCAATGGT GCAGTCCTAG CTCACTTCAC TGTAGCGTCA 69501 AATTTCTCTG CTCAAACGAT CCTCCTGACT CAGCCTTCTG AGCAGTTGGA 69551 ATAGCAGGCA CATGCCATTG CACCTTATTA AATTTTTTAT TTTTTGTAGA 69601 GACGAGGTCT TGCCTCAGCC TCCCCAAAGTG CTAAAATTGC CGGCGCAAGC 69701 CACCATGCTG GACCTGTTTT CCCCTTAAAA AGTGACTATA TTCCTCGAAC 69751 AATGTGTTTT GTGGTCATAT AAGTTTTGGG ATTGTTGGTT TAAATAAAAC 69801 CAATAGTTTC TTTTCTGCTG GACCTCCTCAG AGTGTTTTAA TATGCAAATA 69851 TTTATCATTA TGAAGTGATC AAAAGGATTT CTTATGGAAA CTTAGTTGCC 69901 ATGGCTTGGG GAGCAGGAC TTTTTTGTATT TTGCAATGTG AATGCAATAA	603U1	TTTCAAAACT	TAGAGCCTTG	TTAGAGAGTC	TESCETAGET	GTATCCTTTA
69301 TAATGITTIT AAATTGITAG CTAAAAATAA AACAAAAAC AAAACAAAAGG 69351 AAACTAAAAT GATATTAGAT AAATGAAGTA GACAATGTGG AATGATAAGG 69401 ATTTGITTIC AATTTTTITI TITITAAAGAG GCAGGAGCTC TCTCTGTCTT 69451 CCAGGCTGGA GTGCAATGGT GCAGTCCTAG CTCACTTCAC TGTAGCGTCA 69501 AATTTCTCTG CTCAAACGAT CCTCCTGACT CAGCCTTCTG AGCAGTTGGA 69551 ATAGCAGGCA CATGCCATTG CACCTTATTA AATTTTTAT TTTTTGTAGA 69601 GACGAGGTCT TGCTTTGTTG CGCAGACTCG TCTGGAACTC GTGGCTTCAA 69651 ATGATCCTCC TGCCTCAGCC TCCCAAAGTG CTAAAATTGC CGGCGCAAGC 69701 CACCATGCTG GACCTGTTTT CCCTTTTAAA AGTGACTATA TTCCTCGAAC 6951 AATGIGTTTT GTGGTCATAT AAGTTTTGGG ATTGTTGGTT TAAATAAAAC 69851 TTTATCATTA TGAAGTGATC AAAAGGATTT CTTATGGAAA CTTAGTTGCC 69901 ATGGCTTCGG GAGCAGGAC TTTTTGTATT TTGCAATGT AATGCAATAA	69251	CCTCACTGTG	TATAGGGGTT	TCAGTATCCA	TAGTICICTT	GGTCATTAAC
69351 AAACTAAAAT GATATTAGAT AAATGAAGTA GACAATGTGG AATGATAAGG 69401 ATTTGTTTC AATTTTTTT TTTTAAAGAG GCAGGAGCTC TCTCTGTCTT 69451 CCAGGCTGGA GTGCAATGGT GCAGTCCTAG CTCACTTCAC TGTAGCGTCA 69501 AATTTCTCTG CTCAAACGAT CCTCCTGACT CAGCCTTCTG AGCAGTTGGA 69551 ATAGCAGGCA CATGCCATTG CACCTTATTA AATTTTTAT TTTTTGTAGA 69601 GACGAGGTCT TGCTTTGTTG CGCAGACTCG TCTGGAACTC GTGGCTTCAA 69651 ATGATCCTCC TGCCTCAGCC TCCCAAAGTG CTAAAATTGC CGGCGCAAGC 69701 CACCATGCTG GACCTGTTTT CCCTTTTAAA AGTGATATATTCCTCGAAC 6951 AATGGTTTT GTGGTCATAT AAGTTTTGGG ATTGTTGGTT TAAATAAAAC 69851 TTTATCATTA TGAAGTGATC AAAAGGATTT CTTATGGAAA CTTAGTTGCC 69901 ATGGCTTCGG GAGCAGGAC TTTTTGTATT TTGCAATGT AATGCAATAA	69301	TAATGITTIT	AAATTGTTAG	CTAAAAATAA	AACAAAAAAC	AAAACAAAGG
69451 CCAGGCTGGA GTGCAATGGT GCAGTCCTAG CTCACTTCAC TGTAGCGTCA 69501 AATTTCTCTG CTCAAACGAT CCTCCTGACT CAGCCTTCTG AGCAGTTGGA 69551 ATAGCAGGCA CATGCCATTG CACCTTATTA AATTTTTAT TTTTTGTAGA 69601 GACGAGGTCT TGCTTTGTTG CGCAGACTCG TCTGGAACTC GTGGCTTCAA 69651 ATGATCCTCC TGCCTCAGCC TCCCAAAGTG CTAAAATTGC CGGCGCAAGC 69701 CACCATGCTG GACCTGTTTT CCCTTTTAAA AGTGACTATA TTCCTCGAAC 69751 AATGTTTTT GTGGTCATAT AAGTTTTGGG ATTGTTGGTT TAAATAAAAC 69801 CAATAGTTTC TTTTCTGCTG GACCTCCTCAG AGTCTTTAA TATGCAAATA 69851 TTTATCATTA TGAAGTGATC AAAAGGATTT CTTATGGAAA CTTAGTTTGCC 69901 ATGGCTTGGG GAGCAGGAC TTTTTGTATT TTGCAATGT AATGCAATAA	69351	AAACTAAAAT	<b>GATATTAGAT</b>	<b>AAATGAAGTA</b>	<b>GACAATGTGG</b>	AATGATAAGG
69501 AATTICTCIG CTCAAACGAT CCTCCTGACT CAGCCTTCIG AGCAGTTGGA 69551 ATAGCAGGCA CATGCCATIG CACCTTATTA AATTITTAT TITTIGTAGA 69601 GACGAGGTCT TGCTTTGITG CGCAGACTGG TCTGGAACTC GTGGCTTCAA 69651 ATGATCCTCC TGCCTCAGCC TCCCAAAGTG CTAAAATTGC CGGCGCAAGC 69701 CACCATGCTG GACCTGTTTT CCCTTTTAAA AGTGACTATA TTCCTCGAAC 69751 AATGIGTTTT GTGGTCATAT AAGTTTTGGG ATTGTTGGTT TAAATAAAAC 69801 CAATAGTTTC TTTTCTGCTG GACTCCTCAG AGTCTTTAA TATGCAAATA 69851 TTTATCATTA TGAAGTGATC AAAAGGATTT CTTATGGAAA CTTAGTTGCC 69901 ATGGCTTGGG GAGCAGGAC TTTTTGTATT TTGCAATGT AATGCAATAA	69401	ATTIGITTIC	AATTTTTTT	TTTTAAAGAG	<b>GCAGGAGCTC</b>	TCTCTGTCTT
69551 ATAGCAGGCA CATGCCATTG CACCITATTA AATTITITAT TITTIGTAGA 69601 GACGAGGTCT TGCTTTGTTG CGCAGACTGG TCTGGAACTC GTGGCTTCAA 69651 ATGATCCTCC TGCCTCAGCC TCCCAAAGTG CTAAAATTGC CGGCGCAAGC 69701 CACCATGCTG GACCTGTTTT CCCTTTTAAA AGTGACTATA TTCCTCGAAC 69751 AATGTGTTTT GTGGTCATAT AAGTTTTGGG ATTGTTGGTT TAAATAAAAC 69801 CAATAGTTTC TTTTCTGCTG GACTCCTCAG AGTCTTTTAA TATGCAAATA 69851 TTTATCATTA TGAAGTGATC AAAAGGATTT CTTATGGAAA CTTAGTTGCC 69901 ATGGCTTGGG GAGCAGGAC TTTTTGTATT TTGCAATGTG AATGCAATAA						
69601 GACGAGGICT TIGCTTTIGTTIG COCAGACTICG TICTIGGAACTIC GTGGCTTCAA 69651 ATGATOCTICC TIGCCTCAGCC TICCCAAAGTIG CTAAAATTIGC CGGCGCAAGC 69701 CACCATGCTIG GACCTGTTTT CCCTTTTAAA AGTGACTATA TTCCTCGAAC 69751 AATGTGTTTT GTGGTCATAT AAGTTTTGGG ATTGTTGGTT TAAATAAAAC 69801 CAATAGTTTC TTTTCTGCTIG GACTCCTCAG AGTCTTTTAA TATGCAAATA 69851 TTTATCATTA TIGAAGTGATC AAAAGGATTT CTTATGGAAA CTTAGTTGCC 69901 ATGGCTTGGG GAGCAGGAC TTTTTGTATT TTGCAATGTG AATGCAATAA	69501	AATTTCTCTG	CTCAAACGAT	CCTCCTGACT	CAGCCTTCTG	AGCAGTTGGA
69651 ATGATOCTOC TGCCTCAGCC TCCCAAAGTG CTAAAATTGC CGGCGCAAGC 69701 CACCATGCTG GACCTGTTTT CCCTTTTAAA AGTGACTATA TTCCTCGAAC 69751 AATGTGTTTT GTGGTCATAT AAGTTTTGGG ATTGTTGGTT TAAATAAAAC 69801 CAATAGTTTC TTTTCTGCTG GACTCCTCAG AGTCTTTTAA TATGCAAATA 69851 TTTATCATTA TGAAGTGATC AAAAGGATTT CTTATGGAAA CTTAGTTGCC 69901 ATGGCTTGGG GAGCAGGAC TTTTTGTATT TTGCAATGTG AATGCAATAA	69551	ATAGCAGGCA	CATGCCATTG	CACCITATTA	AATITITAT	TTTGTAGA
69701 CACCATGCTG GACCTGTTTT CCCTTTTAAA AGTGACTATA TTCCTCGAAC 69751 AATGTGTTTT GTGGTCATAT AAGTTTTGGG ATTGTTGGTT TAAATAAAAC 69801 CAATAGTTTC TTTTCTGCTG GACTCCTCAG AGTCTTTTAA TATGCAAATA 69851 TTTATCATTA TGAAGTGATC AAAAGGATTT CTTATGGAAA CTTAGTTGCC 69901 ATGCCTTGGG GAGCAGGAC TTTTTGTATT TTGCAATGTG AATGCAATAA	605E1	ATCATO	ICCTIONG	TOCCAMACTO	CTAAAATTCC	CCCCCCAACC
69751 AATGIGTTTT GIGGTCATAT AAGTTTTGGG ATTIGTTGGTT TAAATAAAAC 69801 CAATAGTTTC TTTTCTGCTG GACTCCTCAG AGTCTTTAA TATGCAAATA 69851 TTTATCATTA TGAAGTGATC AAAAGGATTT CTTATGGAAA CTTAGTTGCC 69901 ATGCCTTGGG GAGCAGGAC TTTTTGTATT TTGCAATGTG AATGCAATAA						
69801 CAATAGITTC TITTICTIGCTG GACTCCTCAG AGTCTTTAA TATGCAAATA 69851 TITATCATTA TGAAGTGATC AAAAGGATTT CITATGGAAA CITAGITGCC 69901 ATGCCTTGGG GAGCAGGAC TITTIGTATT TTGCAATGTG AATGCAATAA						
69851 TITATCATTA TGAAGTGATC AAAAGGATTT CITATGGAAA CITAGTTGCC 69901 ATGGCTTGGG GAGCAGGGAC TITTTGTATT TTGCAATGTG AATGCAATAA	69801	CAATAGTTTC	TITICIGCIG	GACTCCTCAG	AGTCTTTTAA	TATGCAAATA
69901 ATGGCTTGGG GAGCAGCGAC TITTTGTATT TTGCAATGTG AATGCAATAA	69851	TITATCATTA	TGAAGTGATC	<b>AAAAGGATTT</b>	CTTATGGAAA	CTTAGTTGCC
69951 ATGACCACAA GITICTITICCA TCACTIGTIGT TTTGCCCCTTT TGTGTGCAGT	69901	ATGGCTTGGG	GAGCAGCGAC	TITTIGIATT	TTGCAATGTG	AATGCAATAA
	69951	ATGACCACAA	GTTCTTTCCA	TCACTGTGTG	ттсссстт	TGTGTGCAGT

70001 TTTGTACTCC TATGATAAAA GAAATGGAAT CAGTTTTTGC AGGCTTTAAG 70051 TCTGTGCCTG GCCCTGTTAC TTTCTTTGGC CAGTGTGATG TCAGCAATCA 70101 TGATGCACAC AGGCTTGAAA GTGCTTGAGG CTTGCCTTCC CTTGCTGCTC
70151 TTTTAAATCC TACCTTATCT ATATTAAGAA ATATTTACTA GCTTCCTGGA 70201 GGATGAGAGA CCCTGTGGAA CAGAATGAGC CCCCTTAGCT GAGAATCCTT 70251 CTACCCAGCT GTCCTGCCAA TTACCAGACA TGTGACATCA TGCTGGACTA 70301 TCCTGTCCCA ATTGAAGTTT GTCCACACCC AGITAACTCT CAGAACTGTC 70351 AGAAATAATA TATGTCTGTT GTTTTAAGTC GCTAATTTTT GGGGTAATTA 70401 ACTATCAAAA GCTAAAAGAT GCATATACTT GTTAACTTTT TATATAATGC 70451 AGTTGTTTTG CAAATTTAGG CTGAGAAACA GTGCTCTATG GGTAGGAATA 70501 TTCTCTAAGG ACTTATTGGT AGCTTAGGTT ACTTAGTGTG GTTTTGAATT 70551 CTTTTTGAGA CATTTTCAAA TTTACTATTG AATTTTAACT TAATTTCCAA 70601 AAATTICTAT AGCAGAACAT GCTCATTTAA TGTAAATAAT TTGACAAATG 70651 GAATTATGTA ATAATGGATG ATTGATGTTG GGCTAGTAGA AACTTTCTCT 70701 AGAATOGATG TTATAAAACC TTGGCTGATT ATTATGAGTT TTTTTTATC 70751 TGCAATATTT ATCIGTATTT TATTGCATAC TGTTGCATAA AATAATGGGT 70801 CAGGTAGATG CCCAGTCATC AAATGCCACA TGTCAGAATT TCAGGTGATA 70851 GTTACAAACT ACATCAATCA AAAACACTTT CTAGTTTAAA ACAATTTGGA 70901 ACTACAGAAC ATACAGTAAC ATTTTGAATT TAAAATTACT GCCAATGGGG 70951 AATGTGTTTA AACAGCATCC ACTCTTGGAA TTGCTAAACT GATTTATTCA 71001 TCATAGGAAC TGGTACTACA ACTGCATATT TAATTGCTCT AATGAAAGAT 71051 TTTTTTCTT TATTTTCCTG TAATACAGTA TTTACAATCC ATGGACTTGT 71101 GCCATTTTCC ATTTGGCACT TTATTATTTG GCCTAAGGCC ATGGTGTGCT 71151 GTGATGTTAC TCATGAGCTC TGGAGTGATT AACACTGGTG AAAGTACTTT 71201 CITATACTGC ATTITATGCT TGCTTCAGAT AATAAAAATT TTCCTGAGAA 71251 GTCAACATTT CTGTAATTAG ATTCCTAAAA ATTCAGTTTC CTGATTTCTG
71301 GCAATTACAT CTACAAAAAT TTCTCCAGAT TATTTCTGCA GATGGTTAAT 71351 ACTTATTTTG GTATAGAAAA CCTGTTTCAA ATGGCTAGTT AATTATCAAC 71401 ATTTAAAAAA TAGTATAGTG GGCATTTAGC ATGTTTTCAG AAAAGATTTT 71451 AGTIGCATAAA GITTAAAATTIT OCAAATCACA CTTIGOCTAGT TATATTITAAG 71501 TTTIGCAAGAA AGGTIGCTAGG ATGGAAATAT TIGCCAGTIGAA AATATAAATG 71551 TTAATACATT ACTAATTITA GGAGACCACA AGTGITAGCC ACTTACTTAA 71601 ATGTAATGTT TCCTTCTTTT GGAGCTTCTG AATGGTGATT ACAGTGACAT 71651 TAAGGTCAAA TGCGTTTTCT TTACAGCATG AATCCTTACA ATCTAGGAAT 71701 ATGCTAATAT TCATTGTGAA ATTCCAATTT TCTTATCCAG AGATAACAGC 71751 TGTTAACATT TTGTTATAGT TCCTGTAAGA TTTGTGTGTG TGTGTGTGTG 71851 GGAGTCTCAC TCTGTCGCCT ATGCTGGAGT GCAGCAGCAC GATCTCAGCT 71901 TACTGCAGCC TICACCTACC AGGTTCAAGT GATTCTCCTG CCTCAGCCTC 71951 CCAAGTAGCT TAGAGTACAG GCACGTGCCA CCATGCCTGG CTGATTTTTG
72001 TGCTTTTTT TTTTAGTAGA GATGAGGTTT TACCATGTTG GCCAGGCTGG 72051 TCTCGAACTC CTGACCTCAG GTGATCTACT CTCTTCAGTC TCCTGGAGTA 72101 CTGGGATTAC GGGTGTGAAC CACAGCGCCT AGCCGTCTTT GTATATTTTA 72151 ATGTAGTTAA TCTTAAGATA TATGTAGTTT TATATTCTGC TTTTTTCACT
72201 TAAAATTATG TAGTAAACAT TTTACATTAG AATTTGTTGG CAAAACTTTT
72251 TAAATGACTA CACCAAAGAC TTTTATATTGG ATAAACTIGTA ATTTGGTTGAT 72301 CCTTCTTTAG TCTCAAATAT TTAGGCTTTT GTCTATTTTT CCATACCATT 72351 GTTATAAAGA TATTTGTGTG TAAATCTTTG CATTTATGAT TTTTAGAAAT 72401 AAAAGTATAA GACTAAAATG TATTATTTTT AAAGCTTGTG ACAAATATCA 72451 AGCTTTTGTT TTCAGAAAGG TTATTCTAAT TTATGATATA TGACAAAAAT 72501 TTAAAATTAT AACAACCTTA AGCAGGAACT CAATTTTCAC TTTGGTTATT 72551 TICTITITAC TITTICACIAG AGITTATITI TITAACITIT GGAAAGATCT 72601 TTATIGICAG AAATIGATAT TGAATAATCT TIAGATAAAT ACAGATITTA 72651 AAAAGAAAAT GAAAAATAAT TATTAATTAT ATATCTICIC CITTCIATAA 72701 AAGTGTTAAA TITTTAGATA AAAGGGTATA GCTGGGCCAT TACTTTTAAT 72751 GTATTITACA GTACATGACA GCAGGTTCTT ACCTTTTATT TATATCCTTA 72801 GTACTTAGCA TATGAATAGC ACATAGTAGA TACCCAATCA ATATTTGTTG
72851 AGTGAGTGAA TGAATAACTG TAATTTTCAT GAATAAACCC CATATTAAAT
72901 GATAAATTTC AGATATATGT GAAAATGAAT TTCTCATCTT TCTTCTTTAC 72951 CAAAGTACAA TAGTCTATTA TTAACCTCAT GAAGCACCTT TAGATTTTCC 73001 ATATTITATA AAGCAGCIGA TITICTICTAT GATTITIAAT CCATGITICAG
73051 TGAATTTAAC ATTTTTAGAA TAAAAATGCC TATAATAGTA CTGTGCTATC
73101 TACTCTGGAA AGATATAAAG AAGTCCTTTA TGTTTTCTGC AGAAACATTT

73151 TICCTICCTTTT ATCTACTATT AAAAATTICTT ATTTTAGTAA GGTAAACAAA 73201 AAATAGTIGCT TTTAATATTT GTATTCATAT ATTATCATIG TIGATAAGTTT 73251 CTCTATIGTAC ACCATAACAA TTTTCAGTIGA TAAGTIGGCAT TCTTAACCAA 73301 ATATATACAA ATGGAGTATC ATCAAGTTTA ATTCTTTTAT GCATCTAAAC 73351 CTGCCTCTCC TCACCTCCAT GCTTTCTCTG TTTCATTTTA TGTAGCATTT 73401 TAGGTTIGTTC CTTATTATTT GGAAGTAATT CATCTTTATA CTTTTTGATC 73451 TTGCCTTTGG ATTCTAGTTT TCAGAATTTG GACATTTGGT TCACAATGAG

### FIGURE 3U

Rec'd PCT/PTO N3 SEP 2004 PCT/US03/06670 10/506549

73501	CTAATGTATA	AACCATTAGA	GAGGTAGTAC	TCCATTTTCT	TGTGAACGCA
73551	GTTTGTAAA	<b>GTGAACTGCA</b>	GCCAGAGCCT	CAGGACTAAT	TGTATAACCC
73601	AAACCCCTTA	<b>GTAAACTCCG</b>	<b>ATCCAGGTTA</b>	<b>AACTTAGAGG</b>	TCGTTGGCTA
73651	TCAAATTGAG	<b>TGTATACCAC</b>	ATATCATTAG	TTAAATAAAC	ATTTATTTAC
73701	TCCCATTTTA	AAATGTAGCA	GTTTTCTTAA	TTATATGAAT	AATCAACTGT
73751	CTCTTTCACT	<b>AATTATATAT</b>	TTAAAATTTA	CTACTATATT	TTCACCTGGC
73801	ACCTITICAG	ATGAGCCTAG	AACATCAGAA	TGTGACAGTC	AGTTGAGTTT
73851	CATAGGATGA	GCTCATTAGC	AGTACATTTC	TGGTGCAAAG	GTTGAGTGA
73901	AGTAGTTTAA	TTGACTATAA	TTATATTICA	TTCTTCATAT	CCCCTTAGGA
73951	TAATTAGAAG	AMATICATIT	TAGTITITAT	TCTTTAAATA	CAGTACIGCA
74001	TTTATATTT	TATTTTTTA	CAGGCTCAAA	GATTGAGGGT	TICIAIGAIG
74051	CTTTATTAAA	TAAAAGATTG	CITITITIEG	AATAAATAGT	AIAACCIGIG
/4101	GAAATGCTAT	TAATICCATA	TIGGITCHG	GCAGGGCTTT	CTTCTATCAC
74151	TICITIGAT	CACTCITIC	TIGICIAGAC	AGAAAAGTGT CTCTTGTGCA	TTTTATAGE
74201	TTTAACTAAT	ACCAATTICAA	CACCAAACCA	CATTIGGGAA	ACTACATTAC
74201	TTTTACCAC	CAAATACTCC	CAGAATCAAG	ATTGTAGTTT	TAATCTCCTT
74301	AAATATTTCA	CAACCITAAC	TOTATIONS	CACTITICIT	TTTATACCTT
74331	ACTITICITIC	CCCTTTTATA	AAGGAGGAAA	AATGGGAGAG	ATAGCAAAAG
74451	TTACTGGAAG	GATCATCAAT	TTCTATCCTC	AGCTCTGATC	CTGATTAACT
74501	TITIGGTGAAA	TCAAATAGCC	TTCCTCTCAG	ACTCTAAATG	GAAAATTTAA
74551	TTTGCAATTT	CTGATGGTTA	TCTTGTTCTG	TATTTAGAAA	TAATGTTGAA
74601	GITGIGATAG	AGGCATTATG	CTACGCTTCT	TIGIATATIT	GATCAGTGCT
74651	CTTTAAATAC	TTCATGAGTG	TTTGCTACAG	TTACATATTT	TCAGACAGAG
74701	TAAAGGAGAT	AATAATTCGC	<b>ATAAAGACTA</b>	GTACCCACTA	GTAGGGTTAA
74751	CGTGGTTCTT	TTGTGGTACC	ACACTTCATC	ACTITACTAT	ATACAGATAT
74801	<b>GAAGTAATTG</b>	TATACTCATT	TATCTCGCCC	TTTAGTTCAT	TGGTCCCATT
74851	<b>ACTTCATAGT</b>	GTGATCTTTC	CAAAATAAAT	TACTAATATA	GCTTAAAATC
74901	TATCAGCCTA	ACTGCCTATT	GATCATCTCT	<b>AGTATGAAAT</b>	CTGTGCTCAT
74951	TAGCCTCCTT	TTCCACTTGC	ATCTCACTTT	ATGCTCTAGT	CTTGTTGAAC
75001	CACTTCATAT	TTTTGCACAT	CCTGTCCTCC	CATCTGCCTG	AAAAGTTATT
75051	TTATGACCTC	TCAGTTACCA	AAGATCCTGT	AATGTGTACA	CCTCATGCCT
75101	TCCATACACA	TGGACTCCAA	ATACACATAT	ATGCTTTGTG	GACATAATTG
75151	TGICTTGIGT	ACCTITIGIAT	CCCTAGIGCI	TGGCAAATAA	AAACAACIAA
75201	CTTAATTTTA	GTTGAATGGC	TGAGTGGATA	TTTTGTGAAG	CAGITIATES
75251	TAGTTCCTAT	TTTTTCAGAA			
			AACCAATCCC	ATCCATICAT	CCATACATCC
1220T	TCAAGATTCT	CAAGAGAAAC	AACCAATGGG	ATGGATGGAT	GGATAGATGG
75351	GTGGATGGAT	CAAGAGAAAC	AACCAATGGG GTAGGTAAAG	ATGGATGGAT AGGTAGCTAG	GGATAGATGG GTAGATAGCT
75351 75401	GTGGATGGAT AGGTAGGTAG	CAAGAGAAAC GGATGGGTAG GCAGATAGAT	AACCAATGGG GTAGGTAAAG AGATAGATAG	ATGGATGGAT AGGTAGCTAG ATAGATAGAT	GGATAGATGG GTAGATAGCT AGATAGATAG
75351 75401 75451	GTGGATGGAT AGGTAGGTAG ATAGATAGAT	CAAGAGAAAC GGATGGGTAG GCAGATAGAT AGATAGGAGA	AACCAATGGG GTAGGTAAAG AGATAGATAG GGAGATTTAT	ATGGATGGAT AGGTAGCTAG ATAGATAGAT TAGGGGAATT	GGATAGATTGG GTAGATAGCT AGATAGATAG GGCTCACACA
75351 75401 75451 75501	GTGGATGGAT AGGTAGGTAG ATAGATAGAT ATTATGGACG	CAAGAGAAAC GGATGGGTAG GCAGATAGAT AGATAGGAGA CTGAGAAGTC	AACCAATGGG GTAGGTAAAG AGATAGATAG GGAGATTTAT CCTCATAGGC	ATGGATGGAT AGGTAGCTAG ATAGATAGAT TAGGGGAATT TGCCTGCAAG	GGATAGATGG GTAGATAGCT AGATAGATAG GGCTCACACA CTGGAGATGT
75351 75401 75451 75501 75551	AGGTAGGTAG ATAGATAGAT ATTATGGACG AGGGAAGCCT	CAAGAGAAAC GGATGGGTAG GCAGATAGAT AGATAGGAGA CTGAGAAGTC GTAGAAGGTA	AACCAATGGG GTAGGTAAAG AGATAGATAG GGAGATTTAT CCTCATAGGC GTGTGACTCA	ATGGATGGAT AGGTAGCTAG ATAGATAGAT TAGGGGAATT TGCCTGCAAG GTCCAAGTCC	GGATAGATGG GTAGATAGCT AGATAGATAG GGCTCACACA CTGGAGATGT CAGGGTCTCA
75351 75401 75451 75501 75551 75601	GTGGATGGAT AGGTAGGTAG ATAGATAGAT ATTATGGACG AGGGAAGCCT TAATCAAGGA	CAAGAGAAAC GGATGGGTAG GCAGATAGAT AGATAGGAGA CTGAGAAGGTA GTAGAAGGTA AGCCAGTGGT	AACCAATGGG GTAGGTAAAG AGATAGATAG GGAGATTTAT CCTCATAGGC GTGTGACTCA GTAATTCTCA	ATGGATGGAT AGGTAGCTAG ATAGATAGAT TAGGGGAATT TGCCTGCAAG GTCCAAGTCC GTGAGACTGA	GGATAGATGG GTAGATAGCT AGATAGATAG GGCTCACACA CTGGAGATGT CAGGGTCTCA AGGCCTGAGA
75351 75401 75451 75501 75551 75601 75651 75701	GTGGATGGAT AGGTAGGTAG ATAGATAGAT ATTATGGACG AGGGAAGCCT TAATCAAGGA ACCCAGGGGG AGAGTCCCAA	CAAGAGAAAC GGATGGGTAG GCAGATAGAT AGATAGGAGA CTGAGAAGGTA AGCCAGTGGT CTGCTGGTAT TATCCAAGGA	AACCAATGGG GTAGGTAAAG AGATAGATAG GGAGATTTAT CCTCATAGGC GTGTGACTCA AAGTCCCAGA CAGGTAAAGA	ATGGATGGAT AGGTAGCTAG ATAGATAGAT TAGGGGAATT TGCCTGCAAG GTCCAAGTCC GTGAGACTGA GTCCAAAGGCC AGGGTATTCT	GGATAGATTGG GTAGATAGCT AGATAGATAG GGCTCACACA CTGGAGATGT CAGGGTCTCA AGGCCTGAGA TGGAGAACGT AGTTCCAGGA
75351 75401 75451 75501 75551 75601 75651 75701 75751	GTGGATGGAT AGGTAGGTAG ATAGATAGAT ATTATGGACG AGGGAAGCCT TAATCAAGGA ACCCAGGGG AGAGTCCCAA	CAAGAGAAAC GGATGGGTAG GCAGATAGAT AGATAGGAGA CTGAGAAGGTA AGCCAGTGGT CTGCTGGTAT TATCCAAGGA ATTTTGCCTT	AACCAATGGG GTAGGTAAAG AGATAGATTAT CCTCATAGGC GTGTGACTCA GTAATTCTCA AAGTCCCAGA ACGGTAAAGA TTTACTGCCT	ATGGATGGAT AGGTAGCTAG ATAGATAGAT TAGGGGAATT TGCCTGCAAG GTCCAAGTCC GTGAGACTGA GTCCAAAGGC AGGGTATTCT TTTAATTTTG	GGATAGATTGG GTAGATAGCT AGATAGATAG GGCTCACACA CTGGAGATGT CAGGGTCTCA AGGCCTGAGA TGGAGAACGT AGTTCCAGGA TCTGGACTCT
75351 75401 75451 75501 75551 75601 75651 75701 75751 75801	GTGGATGGAT AGGTAGGTAG ATAGATAGAT ATTATGGACG AGGGAAGCCT TAATCAAGGA ACCCAGGGGG AGAGTCCCAA AAAGAGCCAA TAGCTGATTG	CAAGAGAAAC GGATGGGTAG GCAGATAGAT AGATAGGAGA CTGAGAAGGTA AGCCAGTGGT CTGCTGGTAT TATCCAAGGA ATTTTGCCTT GATGGTGCCT	AACCAATGGG GTAGGTAAAG AGATAGATTAT CCTCATAGGC GTGTGACTCA AAGTCCCAGA AAGTCCCAGA TITTACTGCCT GCCCACATTG	ATGGATGGAT AGGTAGCTAG ATAGATAGAT TAGGGGAATT TGCCTGCAAG GTCCAAGTCC GTGAGACTGA GTCCAAAGGC AGGGTATTCT TTTAATTTTG AGGGCTGATC	GGATAGATGG GTAGATAGCT AGATAGATAG GGCTCACACA CTGGAGATGT CAGGGTCTCA AGGCCTGAGA TGGAGAACGT AGTTCCAGGA TCTGGACTCT TTTCCTAATG
75351 75401 75451 75501 75551 75601 75651 75701 75751 75801 75851	GTGGATGGAT AGGTAGGTAG ATAGATAGAC ATTATGGACG AGGGAAGCCT TAATCAAGGA ACCCAGGGGG AGAGTCCCAA AAAAGAGCAA TAGCTGATTGA	CAAGAGAAAC GGATGGGTAG GCAGATAGAT AGATAGGAGA CTGAGAAGTC GTAGAAGGTA AGCCAGTGGT CTGCTGGTAT TATCCAAGGA ATTTTGCCTT GATGGTGCCT CTCACACCAT	AACCAATGGG GTAGGTAAAG AGATAGATTAT CCTCATAGGC GTGTGACTCA AAGTCCCAGA CAGGTAAAGA TITTACTGCCT GCCCACATTG	ATGGATGGAT AGGTAGCTAG ATAGATAGAT TAGGGGAATT TGCCTGCAAG GTCCAAGTCC GTGAGACTGA GTCCAAAGGC AGGGTATTTT TTTTAATTTTG AGGGCTGATC CATCCTCACA	GGATAGATGG GTAGATAGCT AGATAGATAG GGCTCACACA CTGGAGATGT CAGGGTCTCA AGGCCTGAGA TGGAGAACGT AGTTCCAGGA TCTGGACTCT TTTCCTAATG GATACACCCA
75351 75401 75451 75501 75551 75601 75651 75701 75751 75801 75851 75901	GTGGATGGAT AGGTAGGTAG ATAGATAGAC ATTATGGACG AGGGAAGCCT TAATCAAGGA ACCCAGGGGG AGAGTCCCAA AAAAGAGCAA TAGCTGATTGA GAAATAATGC	CAAGAGAAAC GGATGGGTAG GCAGATAGAT AGATAGGAGA CTGAGAAGGTA AGCCAGTGGT CTGCTGGTAT TATCCAAGGA ATTTTGCCTT GATGGTGCCT CTCACACCAT	AACCAATGGG GTAGGTAAAG AGATAGATTAT CCTCATAGGC GTGTGACTCA AAGTCCCAGA CAGGTAAAGA TITACTGCCT GCCCACATTG TCTCTGGAAA ATTACATATC	ATGGATGGAT AGGTAGCTAG ATAGATAGAT TAGGGGAATT TGCCTGCAAG GTCCAAGTCC GTGAGACTGA GTCCAAAGGC AGGGTATTTTTTTTTT	GGATAGATGG GTAGATAGCT AGATAGATAG GGCTCACACA CTGGAGATGT CAGGGTCTCA AGGCCTGAGA TGGAGAACGT AGTTCCAGGA TCTGGACTCT TTTCCTAATG GATACACCCA GTCAAGTTGA
75351 75401 75451 75501 75551 75601 75651 75701 75751 75801 75851 75901 75951	GTGGATGGAT AGGTAGGTAG ATAGATAGAT ATTATGGACG AGGGAAGCCT TAATCAAGGA ACCCAGGGGG AGAGTCCCAA AAAAGAGCAA TAGCTGATTG AGTCCATTGA GAAATAATGC CACCTAAAAT	CAAGAGAAAC GGATGGGTAG GCAGATAGAT AGATAGGAGA CTGAGAAGTC GTAGAAGGTA AGCCAGTGGT CTGCTGGTAT TATCCAAGGA ATTTTGCTT GATGGTGCCT CTCACACCAT TTTACTAGCT TAGCCATCAC	AACCAATGGG GTAGGTAAAG AGATAGATTAT CCTCATAGGC GTGTGACTCA AGTCCCAGA AGTCCCAGA TTTACTGCCT GCCCACATTG TITCTGGAAA ATTACATATC ACCAAATGTT	ATGGATGGAT AGGTAGCTAG ATAGATAGAT TAGGGGAATT TGCCTGCAAG GTCCAAGTCC GTGAGACTGA GTCCAAAGGC AGGGTATTCT TTTAATTTTG AGGGCTGATC CATCCTCACA CCTTTATTCA TTTGTTGGGT	GGATAGATGG GTAGATAGCT AGATAGATAG GGCTCACACA CTGGAGATGT CAGGGTCTCA AGGCCTGAGA TGGAGAACGT AGTTCCAGGA TCTGGACTCT TTTCCTAATG GATACACCCA GTCAAGTTGA AACAGCTTTA
75351 75401 75451 75501 75551 75601 75651 75701 75801 75801 75901 75901	GTGGATGGAT AGGTAGGTAG ATAGATAGAT ATTATGGACG AGGGAAGCCT TAATCAAGGA ACCCAGGGGG AGAGTCCCAA AAAAGAGCAA TAGCTGATTGA AGTCCATTGA GAAATAATGAC CACCTAAAAT TITTAGATGTA	CAAGAGAAAC GGATGGGTAG GCAGATAGAT AGATAGGAGA CTGAGAAGGTA AGCCAGTGGT CTGCTGGTAT TATCCAAGGA ATTTTGCCTT GATGGTGCCT CTCACACCAT TTTACTAGCT TAGCCATCAC ATTCACATCAC	AACCAATGGG GTAGGTAAAG AGATAGATTAT CCTCATAGGC GTGTGACTCA AAGTCCCAGA CAGGTAAAGA TITACTGCCT GCCCACATTG TCTCTGGAAA ATTACATATT ACAACAATTT CAAACAATTT	ATGGATGGAT AGGTAGCTAG ATAGATAGAT TAGGGGAATT TGCCTGCAAG GTCCAAGTCC GTGAGACTGA GTCCAAAGGC AGGGTATTCT TTTAATTTTG AGGCTGATC CATCCTCACA CCTTTATTCA TTTGTTGGGT ATTCATTTAA	GGATAGATGG GTAGATAGCT AGATAGATAG GGCTCACACA CTGGAGATGT CAGGGTCTCA AGGCCTGAGA TGGAGAACGT AGTTCCAGGA TCTGGACTCT TTTCCTAAGT GATACACCCA GTCAAGTTGA AACAGCTTTA AGGGTACAAT
75351 75401 75451 75501 75551 75601 75651 75701 75801 75801 75901 75901 76001 76001	GTGGATGGAT AGGTAGGTAG ATAGATAGAT ATTATGGACG AGGGAAGCCT TAATCAAGGA ACCCAGGGGG AGAGTCCCAA AAAAGAGCAA TAGCTGATTGA AGTCCATTGA GAAATAATGC CACCTAAAAT TITTAGATGTICT TICCATTGGTICT	CAAGAGAAAC GGATGGGTAG GCAGATAGAT AGATAGGAGA CTGAGAAGGTA AGCCAGTGGT CTGCTGGTAT TATCCAAGGA ATTTTGCCTT GATGGTGCCT CTCACACCAT TTTACTAGCT TAGCCATCAC ATTCACATAC	AACCAATGGG GTAGGTAAAG AGATAGATTAT CCTCATAGGC GTGTGACTCA AGTCCCAGA CAGGTAAAGA TTTACTGCCT GCCCACATTG TCTCTGGAAA ATTACATATC ACCAAATGT CAAACAATTT TATGGAATCA	ATGGATGGAT AGGTAGCTAG ATAGATAGAT TAGGGGAATT TGCCTGCAAG GTCCAAGTCC GTGAGACTGA GTCCAAAGGC AGGGTATTCT TTTAATTTIG AGGCTGATC CATCCTCACA TTTGTTGGGT ATTCATTTAA AGTAACCATC	GGATAGATGG GTAGATAGCT AGATAGATAG GGCTCACACA CTGGAGATGT CAGGGTCTCA AGGCCTGAGA TGGAGAACGT AGTTCCAGGA TCTGGACTCT TTTCCTAATG GATACACCCA GTCAAGTTGA AACAGCTTTA AGGGTACAAT TCCACAGTCA
75351 75401 75451 75501 75551 75601 75651 75801 75801 75891 76001 76051 76101	GTGGATGGAT AGGTAGGTAG ATAGATAGAT ATTATGGACG AGGGAAGCCT TAATCAAGGA ACCCAGGGGG AGAGTCCCAA AAAAGAGCAA TAGCTGATTGA AGTCCATTGA GAAATAATGC CACCTAAAAT TTTAGATGTCT ATTTTTAAAG	CAAGAGAAAC GGATGGTAG GCAGATAGAT AGATAGGAGA CTGAGAAGGTA AGCCAGTGGT TATCCAAGGA ATTTTGCCTT GATGGTGCCT CTCACACCAT TTTACTAGCT TAGCCATCAC ATTCACATAC ATTCACATAC ATTTTACCA	AACCAATGGG GTAGGTAAAG AGATAGATAGG GGAGATTTAT CCTCATAGGC GTGTGACTCA AAGTCCCAGA CAGGTAAAGA TTTACTGCCT GCCCACATTG TCTCTGGAAA ATTACATATC ACCAAATGTT CAAACAATTT TATGGAATCA CCTAAAAAGA	ATGGATGGAT AGGTAGCTAG ATAGATAGAT TAGGGGAATT TGCCTGCAAG GTCCAAAGTCC GTGAGACTGA GTCCAAAGGC AGGGTATTCT TTTAATTTTG AGGGCTGATC CATCCTCACA CCTTTATTCA TTTGTTGGGT ATTCATTTAA AGTAACCATC AACCCTGTGCC	GGATAGATTGG GTAGATAGCT AGATAGATAG GGCTCACACA CTIGGAGATGT CAGGGGTCTCA AGGCCTGAGA TCGAGAACGT AGTTCCAGGA TCTIGGACTCT TTTCCTAATG GATACACCCA GTCAAGTTGA AACAGCTTTA AGGGTACAAT TCCACAGTCA CCTGTACTTA
75351 75401 75451 75501 75551 75601 75701 75701 75801 75801 75901 76001 76001 76101	GTGGATGGAT AGGTAGGTAG ATAGATAGAT ATTATGGACG AGGGAAGCCT TAATCAAGGA ACCCAGGGGG AGAGTCCCAA AAAGAGCAA TAGCTGATTGA GAAATAATGC CACCTAAAAT TITTAGATGTA TCCATGGTCAT TTTAGATGTA TCCATGGTCAT TTTAGATGTA TCCATCGTCCCA	CAAGAGAAAC GGATGGTAG GCAGATAGAT AGATAGGAGA CTGAGAAGGTA AGCCAGTGGT TATCCAAGGA ATTTTGCCTT GATGGTGCCT CTCACACCAT TTTACTAGCT TAGCCATCAC ATTCACATAC ATTTTACCATAC ATTTTACCATAC	AACCAATGGG GTAGGTAAAG AGATAGATTAT CCTCATAGGC GTGTGACTCA AAGTCCCAGA CAGGTAAAGA TITACTGCCT GCCCACATTG TCTCTGGAAA ATTACATATC ACCAAATGTT CAAACAATTT TATGGAATCA CCTAAAAAGA CTCACTTAGA	ATGGATGGAT AGGTAGCTAG ATAGATAGAT TAGGGGAAGT TGCCTGCAAG GTCCAAAGGC AGGGTATTCT TTTAATTTTG AGGGCTGATC CATCCTCACA CCTTTATTCA TTTGTTGGGT ATTCATTTAA AGTAACCATC AACCCTTGTCC TAATCACTTT	GGATAGATGG GTAGATAGCT AGATAGATAG GGCTCACACA CTGGAGATGT CAGGGTCTCA AGGCCTGAGA TCGAGAACGT AGTTCCAGGA TCTGGACTCT TTTCCTAATG GATACACCCA GTCAAGTTGA AACAGCTTTA AGGGTACAAT TCCACAGTCA CCTGTACTTA GATTTGCCTG
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75351 75401 75451 75501 75551 75601 75761 75761 75801 75801 75801 76001 7601 76201 76201 76301 76401 76451	GTGGATGGAT AGGTAGGTAG ATAGATAGAT ATTATGGACG AGGGAAGCCT TAATCAAGGA ACCCAGGGGG AGAGTCCAA AAAGAGCAA TAGCTGATTGA GAAATAATGC CACCTAAAAT TTTAGATGTA TCCATGGTCT ATTTTAAAG CTACCTCCCA TTCTGTACAT CTGGATTATT ATGTATCAGT TGATATAGCC TGTTTCTACT TGATATAGCC TGTTTCTACT CAAGTTTTCT	CAAGAGAAAC GGATGGGTAG GCAGATAGAT AGATAGGAGA CTGAGAAGGTA AGCCAGTGGT CTGCTGGTAT TATCCAAGGA ATTTTGCCT GATGGTGCCT CTCACACCAT TTTACTAGCT TAGCCATCAC ATTTCACATAC ATTTCACATAC ATTTTACTAGA ATTTTACTAGA ATTTTACTAGA ATTTTACTAGA ATTTTACTAGA ATTTTACTAGA ATTTTACTAGA ATTTTACTAGA ATTTTACTAGA ATTTTACTAGA ATTTTACTAGA ATTTTACTAGA ATTTTACTAGA ATTTTACTTTTACAGA ATTTTACTTTTTTTTTT	AACCAATGGG GTAGGTAAAG AGATAGATTAT CCTCATAGGC GTGTGACTCA AGGTCCAGA ATTTACTGCCT GCCCACATTG TCTCTGGAAA ATTACATATC ACCAAATGTT CAAACAATTT TATGGAATCA CCTAAAAAGA CTCACTTAGA TAGGTTTTACT TATGGAATCA TAGGTTTTACT TATGGAATCA TTAGGTTTTACATTCC TTTTAACTGCT TTTTAACTGCT TATGGAATCAT TAGGTTTTACT TATGGTAAACTGT TTTTAACTGCT TTTTTAACTGCT TTTTAACTGCT TTTTTAACTGCT TTTTTAACTGCT TTTTAACTGCT TTTTTAACTGCT TTTTTTTTTT	ATGGATGGAT AGGTAGCTAG ATAGATAGAT TAGGGGAATT TGCCTGCAAG GTCCAAGTCC GTGAGACTGA GTCCAAAGGCC AGGGTATTCT TTTAATTTTG AGGGCTGATC CATCCTCACA CCTTTATTCA TTTGTTGGGT ATTCATTTAA AGTAACCATC AACCCTGTGC TAATCACTTT AAATATGTGG AGGTTCATTGC AGGTTCATGC CAGATCATAT CAGTTGATGG CTGCTGTGAA TCTTTAAGGT	GGATAGATEG GTAGATAGCT AGATAGATAG GGCTCACACA CTGGAGATGT CAGGGTCTCA AGGCCTGAGA TCTGGAGACGT AGTTCCAGGA TCTGGACTCT TTTCCTAATG GATACACCCA GTCAAGTTGA AACAGCTTTA AGGGTACAAT TCCACAGTCA CCTGTACTTA GATTTGCCTG CTCTTTTTGCAGC TCCATTGTGT ACAATTGCGGT CATTCATGTA ACATTCATGTA ACATTCATGTA ACATTCATGTA ACATTCATGTA ACATTCTGG
75351 75401 75451 75501 75551 75601 75761 75761 75801 75851 76801 7601 76151 76201 76351 76401 76401 76401 76401	GTGGATGGAT AGGTAGGTAG ATAGATAGAT ATTATGGACG AGGGAAGCCT TAATCAAGGA ACCCAGGGGG AGAGTCCCAA AAAGAGCAA TAGCTGATTGA GAAATAATGC CACCTAAAAT TTTAGATGTA TCCATGGTCT ATTTTTAAAG CTACCTCCCA TTCTGTACAT CTGGATTATT ATTGTATCAGT TGATATAGCC TGTTTTCACT CAAGTTTTCC AAGTTTTCCA	CAAGAGAAAC GGATGGGTAG GCAGATAGAT AGATAGGAGA CTGAGAAGGTC GTAGAAGGTA AGCCAGTGGT TATCCAAGGA ATTTTGCCTT GATGGTGCCT CTCACACCAT TTTACTAGCT TAGCCATCAC ATTTCACATAC ATTTCACATAC ATTTTAGCA ACCTGCCCAT TTTCTATAAA TTATTTAGCA ATTTAATTT CATTTGATTT TTTTTGGCTAT TTTTTGGCTAT TTTTTGGCTAT	AACCAATGGG GTAGGTAAAG AGATAGATAG GGAGATTTAT CCTCATAGGC GTGTGACTCA AAGTCCCAGA CAGGTAAAGA ATTACTGCCT GCCCACATTG TCTCTGGAAA ATTACATATC ACCAAATGTT CAAACAATTT TATGGAATCA CCTAAAAAGA CTCACTTAGA TTGGATCATA TAGGTTTTAACTGCT TTTTAACTGCT TTTTTAACTGCT TTTTTTAACTGCT TTTTTTAACTGCT TTTTTTAACTGCT TTTTTTAACTGCT TTTTTTTAACTGCT TTTTTTAACTGCT TTTTTTAACTGCT TTTTTTAACTGCT TTTTTTAACTGCT TTTTTTAACTGCT TTTTTTAACTGCT TTTTTTAACTGCT TTTTTTAACTGCT TTTTTTTTAACTGCT TTTTTTAACTGCT TTTTTTTTTT	ATGGATGGAT AGGTAGCTAG ATAGATAGAT TAGGGGAATT TGCCTGCAAG GTCCAAGTCC GTGAGACTGA GTCCAAGTCC AGGGTATTCT TTTAATTTTG AGGGCTGATC CATCCTCACA CCTTTATTCA TTTGTTGGGT ATTCATTTAA AGTAACCATC AACCCTGTGC AACCCTGTGC TAATCACTTT AAATATGTGG CAGGTTCATGC CA	GGATAGATGG GTAGATAGCT AGATAGATAG GGCTCACACA CTGGAGATGT CAGGGTCTCA AGGCCTGAGA TGGAGAACGT AGTTCCAGGA TCTGGACTCT TTTCCTAATG GATACACCCA GTCAAGTTGA AACAGCTTTA AGGGTACAAT TCCACAGTCA CCTGTACTTA GATTTGCCTG CTCTTTTGTGA ATGTTGCAGC TCCATTGTGT ACAATTGGGT CATTCATGTA ACATTCATGTA ACATTCATGTA ACATTCATGTA ACATTCATGTA CCTTTTCATGTA ACATTCATGTA ACATTCATGTA ACATTCATGTA ACATTCATGTA ACATTCATGTA ACATTCATGTA ACATTCATGTA ACATTTCATGTA ACATTTCATGTA ACATTTCATGTA
75351 75401 75451 75501 75551 75601 75751 75801 75851 75801 75851 76001 76151 76201 76351 76401 76401 76401 76501 76501	GTGGATGGAT AGGTAGGTAG ATAGATAGAT ATTATGGACG AGGGAAGCCT TAATCAAGGA ACCCAGGGGG AGAGTCCCAA AAAGAGACAA TAGCTGATTGA GAAATAATGC CACCTAAAAT TTTAGATGTA TCCATGGTCT ATTTTTAAAG CTACCTCCCA TTICTGTACAT CTGGATTATT ATGTATCAGT TGATATAGCC TGTTTCTACT CAAGTTTTCACT AAGTTGTACT CAAGTTTTCAGA	CAAGAGAAAC GGATGGGTAG GCAGATAGAT AGATAGGAGA CTGAGAAGGTC GTAGAAGGTA AGCCAGTGGT TATCCAAGGA ATTTTGCCTT GATGGTGCCT CTCACACCAT TTTACTAGCT TAGCCATCAC ATTTCACATAC ATTTTCACCA ACCTGCCCAT TTTCTATAAA TTATTTAGCA ATTTAATTT CATTTGATTT TTTTTGCTAT TTTTTGCTAT TTTTTGCTAT	AACCAATGGG GTAGGTAAAG AGATAGATTAT CCTCATAGGC GTGTGACTCA AGTCCCAGA CAGGTAAAGA ATTACTGCCT GCCCACATTG TCTCTGGAAA ATTACATATC ACCAAATGTT CAAACAATTT TATGGAATCA CCTAAAAAGA CTCACTTAGA TTGGAATCATA TAGGTTATCAT TATGGAATCAT TATGATAATCAT TATGATAATCAT TATGATAATCT TGCTTTTAAT AGTATCTGTA	ATGGATGGAT AGGTAGCTAG ATAGATAGAT TAGGGGAATT TGCCTGCAAG GTCCAAGGTCC GTGAGACTGA GTCCAAAGGCC AGGGTATTCT TTTAATTTTG AGGGCTGATC CATCCTCACA CCTTTATTCA TTTGTTGGGT ATTCATTTAA AGTAACCATC AACCCTGTGC AACCCTGTGC AACCCTGTGC CAGATCATGC CAGATCATAT CAGTTGATGG CTGCTGTGAA TCTTTAAGGT TGTGTTTAA	GGATAGATEG GTAGATAGCT AGATAGATAG GGCTCACACA CTGGAGATGT CAGGGTCTCA AGGCCTGAGA TGGAGAACGT AGTTCCAGGA TCTGGACTCT TTTCCTAATG GATACACCCA GTCAAGTTGA AACAGCTTTA AGGGTACAAT TCCACAGTCA CCTGTACTTA GATTTGCCTG CTCTTTGTGA ATGTTGCAGC TCCATTGTGTA ACAATTGGGGT ACAATTGGGGT ACAATTGGGGT ACAATTGGGGT ACAATTGGGGT ACAATTGGGGT ACAATTGGGGT ACAATTGGGGT ACAATTGGGGT CATTCATGTA ACATTCATGTA ACATTCATGTA ACATTCATGTA ACATTCATGTA ACATTCATGTA ACATTCATGTA ACATTCATGTA ACATTCATGTA TCTTTACCAG
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82251 82301 82351 82401 82451 82501 82551 82601	NNNNNNNN NNNNNNNN GGCAGGCAGG CTTGGCTGTT TCCCCAGCCT GAATCAGCGA GTAATCTCCT CAGGTGGGAG GACCAGGAAA	NNNNNNNN NNNNNNNNN CCTCCTTGAG TTGTTTACCT CGCTGCCGCC GACTCCGTGG GGTGCGCCGT TGGCCCAATT GGGAACTCCC	NNNNNNNNN CTGTGGTGGG AAGCGAGCCT TTGCAGTTTG GCGTAGGACC TTCCTAAGCC TTCCAGGTGC TGATCCCTTG	NINININININI CTCCACCCCA GAGCAATIGGC ATCTCAGACT CTCTGAGCCA CGTTIGGAAAA CCTCTIGTTAC CGCTTCCCGA	NNNNACAGA GTTCAAGCTT AGGGGCCCCT GCTGTGCTAG GGTGCAGGAT GGGCAGTGTT CCCTTTCCTT GTGAGGAAAT
82251 82301 82351 82401 82451 82501 82551 82601 82651	NNNNNNNN NNNNNNNN GGCAGGCAGG CTTGGCTGTT TCCCCAGCCT GAATCAGCGA GTAATCTCCT CAGGTGGGAG GACCAGGAAA GCCTCGGCCT	NNNNNNNN NNNNNNNNN CCTCCTTGAG TTGTTTACCT CGCTGCCGCC GACTCCGTGG GGTGCGCCGT TGGCCCAATT GGGAACTCCC GCTTCGGCCG	NNNNNNNNN CTGTGGTGGG AAGCGAGCCT TTGCAGTTTG GCGTAGGACC TTCCTAAGCC TTCCAGGTGC TGATCCCTTG GCACACGGTG	NNNNNNNNN CTCCACCCCA GAGCAATIGGC ATCTCAGACT CTCTGAGCCA CGTTIGGAAAA CCTCTIGTTAC CGCTTCCCGA CACTIGCACCC	NNNNACAGA GTTCAAGCTT AGGGGCCCCT GCTGTGCTAG GGTGCAGGAT GGGCAGTGTT CCCTTTCCTT GTGAGGAAAT ACTGTCCTGC
82251 82301 82351 82401 82451 82501 82551 82601 82651 82701	NNNNNNNN NNNNNNNN GGCAGGCAGG CTTGGCTGTT TCCCCAGCCT GAATCAGCGA GTAATCTCCT CAGGTGGGAG GACCAGGAAA GCCTCGGCCT GCCCACTGTC	NNNNNNNN NNNNNNNNN CCTCCTTGAG TTGTTTACCT CGCTGCCGCC GACTCCGTGG GGTGCGCCGT TGGCCCAATT GGGAACTCCC GCTTCGGCCG TGGCACTCCC	NNNNNNNNN CTGTGGTGGG AAGCGAGCCT TTGCAGTTTG GCGTAGGACC TTCCTAAGCC TTCCAGGTGC TGATCCCTTG GCACACGGTG TAGTGAGATG	NININININININININININININININININININI	NNNNACAGA GITCAAGCTT AGGGGCCCCT GCTGTGCTAG GGTGCAGGAT GGGCAGTGTT CCCTTTCCTT GTGAGGAAAT ACTGTCCTGC CTCAGATGTA
82251 82301 82351 82401 82451 82501 82551 82601 82651 82701 82751	NNNNNNNN NNNNNNNN GGCAGGCAGG CTTGGCTGTT TCCCCAGCCT GAATCAGCGA GTAATCTCCT CAGGTGGGAG GACCAGGAAA GCCTGGGCCT GCCCACTGTC AATGCAGAAA	NNNNNNNN NNNNNNNNN CCTCCTTGAG TTGTTTACCT CGCTGCCGCC GACTCCGTGG GGTGCGCCGT TGGCCCATT GGGAACTCCC TCGCTCATCT	NNNNNNNN CTGTGGTGGG AAGCGAGCCT TTGCAGTTTG GCGTAGGACC TTCCTAAGCC TTCCAGGTTGC TGATCCCTTG GCACACGGTG TAGTGAGATG TCTGCGTTGC	NINININININI CTCCACCCA GAGCAATGGC ATCTCAGACT CTCTGAGCCA CGTTGGAAAA CCTCTGTTAC CGCTTCCCGA CACTGCACCC AACCCGGTAC TCACGCTGGG	NNNNACAGA GTTCAAGCTT AGGCGCCCCT GCTGTGCTAG GGTGCAGGAT GGGCAGTGTT CCCTTTCCTT GTGAGGAAAT ACTGTCCTGC CTCAGATGTA AGCTGTAGAC
82251 82301 82351 82401 82451 82501 82551 82601 82651 82751 82751 82801	NNNNNNNN NNNNNNNN GGCAGGCAG CTTGGCTGTT TCCCCAGCCT GAATCAGCGA GTAATCTCCT CAGGTGGGAG GACCAGGAAA GCCTGGCCT GCCCACTGTC AATGCAGAAA CGGAGCTGTT	NNNNNNNN NNNNNNNNN CCTCCTTGAG TTGTTTACCT CGCTGCCGCC GACTCCGTGG GGTGCGCCGT TGGCCCATT GGGAACTCCC GCTTCGGCCG TGGCACTCCC TCCCTCATCT CCTATTCAGC	NNNNNNNNN CTGTGGTGGG AAGCGAGCCT TTGCAGTTTG GCGTAGGACC TTCCTAAGCC TTCCAGGTGC TGATCCCTTG GCACACGGTG GCACACGGTG TAGTGAGATG TCTGCGTTGC CATCTTGGCT	NNNNNNNNN CTCCACCCA GAGCAATGGC ATCTCAGACT CTCTGAGCCA CGTTGGAAAA CCTCTGTTAC CGCTTCCCGA CACTGCACCC AACCCGGTAC TCACGCTGGG CCTCCCCACT	NNNNACAGA GITCAAGCTT AGGCGCCCCT GCTGTGCTAG GGTGCAGGAT GGGCAGTGTT CCCTTTCCTT GTGAGGAAAT ACTGTCCTGC CTCAGATGTA AGCTGTAGAC ATTTTGAATG
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82251 82301 82351 82401 82451 82501 82551 82601 82651 82701 82701 82851 82901 82951 83001 83051	NNNNNNNN NNNNNNNN GGCAGGCAGG CTTGGCTGTT TCCCCAGCCT GAATCAGCGA GTAATCTCCT CAGGTGGGAG GACCAGGAAA GCCTCGGCCT GCCACTGTC AATGCAGAAA CGGAGCTGTT TTTTCTATGT TTTACTAATA TGTTCTGTAG	NNNNNNNN NNNNNNNNN CCTCCTTGAG TTGTTTACCT CGCTGCCGCCC GACTCCGTGG GGTGCGCCGT TGGCCCAATT GGGAACTCCC GCTTCGGCCG TGGCACTCCC TCCCTCATC CCTATTCAGC TATCTTTAGA TAATTGATT ACTGGAATGT TTTTGTTGAG TTTTCTTAGA	NNNNNNNNN CTGTGGTGGG AAGCGAGCCT TTGCAGTTTG GCGTAGGACC TTCCTAAGCC TTCCAGGTGC TGATCCCTTG GCACACGGTG TAGTGAGATG TCTGCGTTGC CATCTTGGCT GATAATCTAG TCAATGTTTG AGTATTCCTT GATTTTTGCA ATGTTTTTGCA	NNNNNNNNN CTCCACCCCA GAGCAATGGC ATCTCAGACT CTCTGAGCCA CGTTGGAAAA CCTCTGTTAC CGCTTCCCGA CACTGCACCC AACCCGGTAC TCACGCTGGG CCTCCCCACT TGTTTCTTAG AATCAGTCTT TTGCACATTG TATATGTTCA CTGCTTTTGT	NNNNACAGA GITCAAGCTT AGGCGCCCCT GCTGTGCTAG GGTGCAGGAT GGGCAGTGTT CCCTTTCCTT GTGAGGAAAT ACTGTCCTGC CTCAGATGTA AGCTGTAGATG TCTGTCAATA GTAGTCCTGG CTGAATACTG TCAGATACTG TGAGAAAATAT TATCAGGATA
82251 82301 82351 82401 82451 82501 82551 82601 82651 82751 82801 82851 82901 82951 83001 83051 83051 83101	NNNNNNNN NNNNNNNN GGCAGGCAGG CTTGGCTGTT TCCCCAGCCT GAATCAGCGA GTAATCTCCT CAGGTGGGAG GACCAGGAAA GCCTCGGCCT GCCCACTGTC AATGCAGAAA CGGAGCTGTT TTTTCTATTATT TGAATTATTAT AATGAACTCC TCTACTAATA TGTTCTGTAG ATGTTCGGCAC	NNNNNNNNN NNNNNNNNN CCTCCTTGAG TTGTTTACCT CGCTGCGSCC GACTCCGTGG GGTGCGCCGT TGGCCCAATT GGGAACTCCC GCTTCGGCCG TGGCACTCCC TCCCTCATCT CCTATTCAGC TATCTTTTGA TAATTGATTT ACTGGAATGT TTTTGTTGAG TTTTCTTAGA GGTGAAATGA	NNNNNNNNN CTGTGGTGGG AAGCGAGCCT TTGCAGTTTG GCGTAGGACC TTCCTAAGCC TTCCTAAGCC TTCCAGGTGC TGATCCCTTG GCACACGGTG TAGTGAGATG TCTGCGTTGC CATCTTGGCT GATAATCTAG TCAATGTTTG AGTATTCTT GATTTTTTGCA ATGTTTTTGCA ATGTTTTTGCA	NINININININI CTCCACCCCA GAGCAATGGC ATCTCAGACT CTCTGAGCCA CGTTGGAAAA CCTCTGTTAC CGCTTCCCGA CACTGCACCC AACCCGGTAC TCACGCTGGG CCTCCCCACT TGTTTCTTAG AATCAGTCTT TTGCACATT TTTGCACATTG TATATGTTCA CTGCTTTTTTTTTAG ATTCTCTTTAG ATTCTCTTTTAG ATTCTCTTTTAG ATTCTCTTTTTTTTTT	NNNNACAGA GITCAAGCTT AGGCGCCCCT GCTGTGCTAG GGTGCAGGAT GGGCAGTGTT CCCTTTCCTT GTGAGGAAAT ACTGTCCTGC CTCAGATGTA AGCTGTAGAC ATTTTGAATG TCTGTCAATA GTAGTCCTGG CTGAGATACTG TCTGAGATACTG TCAGAATACTG TGAGAAAATAT TATCAGGATA GTTTTTATTT
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82251 82301 82351 82401 82451 82501 82551 82601 82751 82801 82751 82801 82851 83051 83051 83101 83151 83201 83451 83401 83451 83501 83551 83601 83651 83651 83651 83751	NNINNNINN NNINNNINN NNINNNINN GGCAGGCAGG CTTGGCTGTT TCCCCAGCCT GAATCAGCGA GTAATCTCCT CAGGTGGGAG GACCAGGAAA GCCTGGCCT GCCCACTGTC AATGCAGAAA CGGAGCTGTT TTTTCTATGT TGAATTATAT AATGAACTCC TCTACTAATA TGTTCTGTAGA ATGTTGGAAGAA CATTGAAATC AATTTTAATA TTTTGGAATGT TTTTTAATAT TTTGGTAATGT TGTATTGATT TTTTTAATAT TTTGGTAATGT TGTATTGATC CACTGTGACC TTGAGTAGCT TATTTTTAGT CAAATTCCTG CAAATTCCTG	NNNNNNNN NNNNNNNNN CCTCCTTGAG TTGTTTACCT CGCTGCCGCCC GACTCCGTGG GGTGCGCCGT TGGCCCATT GGGAACTCCC TCCCTCATCT CCTATTCAGC TATCTTTGA TAATTGATTT ACTGGAATGT TTTTGTTGAG TTTTTTTTTT	NNNNNNNNN CTGTGGTGGG AAGCGAGCCT TTGCAGTTTG GCGTAGGACC TTCCTAAGCC TTCCTAAGCC TTCCTAAGCC TTCCTAGGTGG GCACACGGTG GCACACGGTG TAGTGAGATG TCTGCGTTGC CATCTTGGCT GATAATCTAG TCAATGTTTG AGTATTTCCTT GATTAGTATTAG ATCTTAGGACT GTTTAGGACT GTTTAGTATTT CCAAAGAGTC AGTGGTATGT TCTCTTTTCC GCCTTTCTTT AGGCTGGAGT TCTCTTTTTCC GCCTTTCTTT AGGCTGGAGT TCTCTTTTTCC GCCTTTCTTT AGGCTGGAGT GGGTTCAAGC GCATGCACCA ATCTTGCCATG ATCTGCCCAC	NNNNNNNNN CTCCACCCA GAGCAATGGC ATCTCAGACT CTCTGAGCCA CGTTGGAGAAA CCTCTGTTAC CGCTTCCGA CACTGCACCC TCACGCTGG CCTCCCACT TGTTTCTTAG AATCAGTCTT TTGCACATTG TATATGTTCA CTGCTTTTAT ATTCTCTTA ATTCTCTTA TTTTTTTTTT	NNNNACAGA GITCAAGCTT AGGCGCCCCT GCTGTGCTAG GGTGCAGGAT GGGCAGGAT GGGCAGTGTT CCCTTTCCTT GTGAGGAAAT ACTGTCCTGC CTCAGATGTA AGCTGTAGAC ATTTTGAATG TCTGTCAATA GTAGTCCTGG CTGAATACTG TGAGAAATAT TATCAGGATA GTTTTTTT ATATGTTCTC GGCTTATGTA TCTGTTTTTT TCTGTTTCAC TTTCCTTATA ATTTTTGATA GTTTTTCTGAGAC GATCACAGCT CCTCAGCCAC CTAATTTTTG AGGCTGTTCT CAAAGTGCTG AGGCTGTTCT CAAAGTGCTG CTCAAGCTG CTCAGCCAC CTAATTTTTC CAAAGTGCTG CTCAAGCTG CTCAAGCTG CTCAAGCTG CCTCAGCCAC CTAATTTTTC CAAAGTGCTG CCTCAAGCTG CAAAGTGCTG CACCCCTCAGCCTC CAAAGTGCTG CCTCAAGCTG CAAAGTGCTG CCTCAAGCCTC CAAAAGTGCTG CCTCAAGCCCT CCTCAAGCCTC CCTCAAGCCT CCTCAAGCC CCTCAAGCCT CCTCAA
82251 82301 82351 82401 82451 82501 82551 82601 82751 82801 82751 82801 82851 83001 83101 83101 83101 83251 83201 83451 83501 8351 83501 8351 83501 8351 83501 8351 83601 83751 83751 83751	NNINNNINN NNINNNINN NNINNNINN GGCAGGCAGG CTTGGCTGTT TCCCCAGCCT GAATCAGCGA GTAATCTCCT CAGGTGGGAG GACCAGGAAA GCCTGGCCT GCCCACTGTC AATGCAGAAA CGGAGCTGTT TTTTCTATGT TGAATTATAT AATGAACTCC TCTACTAATA TGTTCTGTAG ATGTTGGAAGAA CATTGAAATC AATTTTAATA TTTCTCAAGTG CTAAGTTGTT TTTTTAATAT TTTGTAATAT TTTGTAATAT TTTGTAATAT TTTGTAATAT TTGGTAATGT TGTATTGATC AGAGTCTCAC CACTGTGACC TTGAGTAGCT TATTTTTAGT CAAATTCCTG GAATTACAGG	NNNNNNNN NNNNNNNNN CCTCCTTGAG TTGTTTACCT CGCTGCCGCC GACTCCGTGG GGTGCGCCGT TGGCCAATT GGGAACTCCC TCCCTCATCT CCTATTCAGC TATCTTTGA TAATTGATTT ACTGGAATGT TTTTGTTGAG ATTGTGTAGA ATTGTGTAGA ATTGTGTAGA ATTTTGGTAGA ATTTTGGTAGA ATTTTGGTAGA ATTTTGGTAGA TTTTTACTA AATTTTGGTAGA CTGTGAGTCT TTTTCAAATT TCTGTTGGCTCCT CGGATTACAG TCTGCCTCCT CGGATTACAG AGGGGAAGGGT GCCTCCAGTG TGTGAGCCAC	NNNNNNNNN CTGTGGTGGG AAGCGAGCCT TTGCAGTTTG GCGTAGGACC TTCCTAAGCC TTCCTAAGCC TTCCTAAGCC TTCCAGGTGG TGATCCCTTG GCACACGGTG TAGTGAGATG TCTGCGTTGC CATCTTGGCT GATAATCTAG TCAATGTTTG AGTATTTCCTT GATTATTTTTGCA ATGTTTTTTGCA ATGTTTTTTTTT GTTTGGGAGT ATTAGTATTA GGAATTTTCC AGTGGTATGT TCTCTTTTCC GCCTTTCTTT AGGCTGGAGT TCTCTTTTTCC GCCTTTCTTT AGGCTGGAGT GGGTTCAAGC GCATGCACCA TTTTGCCATG ATCTGCCCCAC TGCGCCCAGC	NNNNNNNNN CTCCACCCA GAGCAATGGC ATCTCAGACT CTCTGAGCCA CGTTGGAGAAA CCTCTGTTAC CGCTTGCAGACA CACTGCACCC TCACGCTGG CCTCCCACT TGTTTCTTAG AATCAGTCTT TTGCACATTG TATATGTTCA CTGCTTTTAT ATTCTCTTTA ATTCTCTTTA TTTTAGAGATTA TTTCAAGAAT ATTCAGATTA TTTCAAGAAT ATTCAGATTA TTTCAAGAAT ATTCAGATTA TTTCAAGAAT ATTCAGATTA TTTCAAGAAT ATTCAGATTA CTTGGCTAGAG CTTCTTTTTT GCAATGGCAT CATTTTCATG TCACGCCTGG TTAGCTGGCT CTCAGCCTTT CTTGTTTTAT	NNNNACAGA GITCAAGCTT AGGCGCCCCT GCTGTGCTAG GGTGCAGGAT GGGCAGTGTT CCCTTTCCTT GTGAGGAAAT ACTGTCCTGC CTCAGATGTA AGCTGTAGAC ATTTTGAATG TCTGTCAATA GTAGTCCTGG CTGAATACTG TCAGAATATT TATCAGGATA GTTTTTT ATATGTTCTC GGCTTATGTA ATTTTTT TCTGTTTCAC TTTCCTTATA ATTTTTGATA GTTTTCTGAGAC GATCACAGCT CCTCAGCCAC CTAATTTTT AGGCTGTTCT CAAAGTGCTG AGGCTGTTCT CAAAGTGCTG TGGTTTTCTG TGGTTTTCT CAAAGTGCTG TGGTTTTCTG
82251 82301 82351 82401 82451 82501 82551 82601 82751 82801 82751 82801 82851 83001 83051 83101 83101 83251 83201 83451 83401 83451 83501 83551 83601 83751 83751 83801 83851	NNINNNINN NNINNNINN NNINNNINN GGCAGGCAGG CTTGGCTGTT TCCCCAGCCT GAATCAGCGA GTAATCTCCT CAGGTGGGAG GACCAGGAAA GCCTGGCCT GCCCACTGTC AATGCAGAAA CGGAGCTGTT TTTTCTATGT TGAATTATAT AATGAACTCC TCTACTAATA TGTTTTGGAAGAA CATTGAAATC AATTTTAATA TTCTCAAGTG CTAAGTTGTT TTTTTAATAT TTTGGTAATGT TTTTTTAATAT TTTGGTAATGT TGTATTGATC AGAGTCTCAC CACTGTGACC TTGAGTAGCT TATTTTTAGT CAAATTCCTG GAATTACAGG TTTTCTATTT	NNNNNNNN NNNNNNNNN CCTCCTTGAG TTGTTTACCT CGCTGCCGCC GACTCCGTGG GGTGCGCCGT TGGCCAATT GGGAACTCCC TCCCTCATCT CCTATTCAGC TATCTTTGA TAATTGATTT ACTGGAATGT TTTTGTTGAG ATTGTGTAGA ATTGTGTAGA ATTGTGTAGA ATTTTGTTACAT TTTTCATAT AATTTTGTTAC TTTTTCATAT GAATTTATGG CTGTTGACT TTTTCAATT TCTTGCCTCCT CGGATTACAG AGGGAAGGGT GGGATTACAG TCTTGCCTCCT CGGATTACAG TCTTGCCTCCT CGGATTACAG TCTTGCCTCCT CGGATTACAG TCTTGCCTCCT CGGATTACAG TCTTGCCTCCT CGGATTACAG TCTTGCCTCCT TCTGCCTCT TCTGCCTCCT TCTGCCTCT TCTGCCTCT TCTGCCTCT TCTGCCTCT TCTGCTCT TCTGCCTCT TCTGCCTCT TCTGCT TCTGCT TCTGCT TCTGCT TCTGCT TCTGCT TCTGCTCT TCTGCT TCTGCT TCTGCT TCTGCT TCTGCT TCTGCT TCTGCT TCTGCT TCTGCCT TCTGCT TCTGCT TCTGCT TCTGCT TCTGCT TCTGCT TCTGCT TCTGCT TCTGCCT TCTGCT TCTGCT TCTGCT TCTGCT TCTGCT TCTGCT TCTGCT TCTGCT TCTGCT TCTGCT TCTGCT TCTGCT TCTGCT TCTGCT TCTGCT TCTGCT TCTGCT TCTGCT	NNNNNNNNN CTGTGGTGGG AAGCGAGCCT TTGCAGTTTG GCGTAGGACC TTCCTAAGCC TTCCTAAGCC TTCCTAAGCC TTCCAGGTGC TGATCCCTTG GCACACGGTG TAGTGAGATG TCTGCGTTGC CATCTTGGCT GATAATCTAG TCAATGTTTG AGTATTTCCTT GATTATTTTTGCA ATGTTTTTGCA ATGTTTTTGCA ATGTTTTTTTC AGTGGTATGT TCTCAAGGACT GTTAGTATTA CCAAGGAGT ATTAGTATTT CCAAGGACT GTTTATATTT CCAAGAGTC AGTGGTATGT TCTCTTTTTC GCCTTTCTTT AGGCTGGAGT GGGTTCAAGC GCATGCACCA TTTTGCCATG ATCTGCCCAC TGCGCCCAGC TACTCTAATC	NNNNNNNNN CTCCACCCA GAGCAATGGC ATCTCAGACT CTCTGAGCCA CGTTGGAGAAA CCTCTGTTAC CGCTTGCAGACA CACTGCACCC TCACGCTGG CCTCCCCACT TGTTTCTTAG AATCAGTCTT TTGCACATTG TATATGTTCA CTGCTTTTAT TTTCTTAG ATTCAGATTA TTTTCTTTAG ATTCAGTTTTA TTTTTTTTTT	NNNNACAGA GITCAAGCTT AGGCGCCCCT GCTGTGCTAG GGTGCAGGAT GGGCAGTGTT CCCTTTCCTT GTGAGGAAAT ACTGTCCTGC CTCAGATGTA AGCTGTAGAC ATTTTGAATG TCTGTCAATA GTAGTCCTGG CTGAATACTG TCAGAATACTG TCAGAATACTG TCAGAATACTG TCAGAATACTG TCAGAATACTG TCAGAATACTG TCAGAATACTG TCAGAATACTG TCAGCAATACTG TCAGCAATACTG TCAGCAATACTG TCAGCAATACTG TCAGCAATACTG TCAGCAATACTG TCTGTTTTTT TCTGTTTCAC TTTCCTTATA ATTTTTGATA GTCTTGTATA ATTTTTGATA GTCTGTCATT TTTCTGAGAC GATCACAGCT CCTCAGCCAC CTAATTTTTC CAAAGTGCTG TCGTTTCCTTCT TCAGCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTTCTT
82251 82301 82351 82401 82451 82501 82551 82601 82751 82701 82751 82801 82851 82901 83051 83101 83151 83251 83251 83401 83451 83501 8351 83501 8351 83501 8351 83501 8351 83601 83651 83751 83801 83851 83801 83851	NNINNNINN NNINNNINN NNINNNINN GGCAGGCAGG CTTGGCTGTT TCCCCAGCCT GAATCAGCGA GTAATCTCCT CAGGTGGGAG GACCAGGAAA GCCTGGCCT GCCCACTGTC AATGCAGAAA CGGAGCTGTT TTTTCTATGT TGAATTATAT AATGAACTCC TCTACTAATA TGTTCTGTAG ATGTTGGAAGAA CATTGAAATC AATTTTAATA TTTCTCAAGTG CTAAGTTGTT TTTTTAATAT TTTGTAATAT TTTGTAATAT TTTGTAATAT TTTGTAATAT TTGGTAATGT TGTATTGATC AGAGTCTCAC CACTGTGACC TTGAGTAGCT TATTTTTAGT CAAATTCCTG GAATTACAGG	NNNNNNNN NNNNNNNNN CCTCCTTGAG TTGTTTACCT CGCTGCCGCC GACTCCGTGG GGTGCGCCGT TGGCCAATT GGGAACTCCC TCCCTCATCT CCTATTCAGC TATCTTTTGA TAATTGATTT ACTGGAATGT TTTTGTTGAG ATTGTGTAGA ATTGTGTAGA ATTTTGTTAGA ATTTTGGTAG GGTGAAATGA ATTTTGGTAG CTGTTGGGTCT TTTTTCAATT TCTGTTGGCC TCTGCCTCCT GGGATTACAG AGGGAAGGGT GCCTCAAGTG TGTGAGCCAC TGCTCAAGTG TGTGAGCCAC TGCTCAAGTG	NNNNNNNNN CTGTGGTGGG AAGCGAGCCT TTGCAGTTTG GCGTAGGACC TTCCTAAGCC TTCCTAAGCC TTCCAGGTGC TGATCCCTTTG GCACACGGTG TAGTGAGATG TCTGCGTTGC CATCTTGGCT GATAATCTAG TCAATGTTTG AGTATTTCCTT GATTTTTGCA ATGTTTTTGCA ATGTTTTTGCA ATGTTTTTATATTTA CCAAAGAGTC AGTGGTATGT TCTCTTTCC GCCTTTCTTT AGGCTGGAGT GCGTTCAAGC GCATGCACCA TTTTGCCATG ATCTTGCCATG ATCTTGCCCACC TACTCTAATC CTTCTTTCTTC	NNNNNNNNN CTCCACCCA GAGCAATGGC ATCTCAGACT CTCTGAGCCA CGTTGGAGAAA CCTCTGTTAC CGCTTCCCGA CACTGCACCC AACCCGGTAC AATCAGCTT TGTTTCTTAG AATCAGTCTT TTGCACATTG TATATGTTCA CTGCTTTTGT ATTCTCTTA ATTCTCTTA TTTTCAGATTA TTTCAGATTA TTTCAGGCTTC TGGCTTTCAGCTTTC TGGCTTTCAGCTTTC TCAGCCTTT CTCAGCCTTT CTCAGCCTTT CTTGGTTTTAT TTTGTTTTT TTTGTTTT TTTTTT	NNNNACAGA GITCAAGCTT AGGCGCCCCT GCTGTGCTAG GGTGCAGGAT GGGCAGGAT GGGCAGGAT GGGCAGGAT ACTGTCCTT GTGAGGAAAT ACTGTCCTGC CTCAGATGTA AGCTGTAGAC ATTTTGAATG TCTGTCAATA GTAGTCCTGG CTGAATACTG TGAGAAATAT TATCAGGATA GTTTTTATTT ATATGTTTCT GGCTTATGTA ATTTTTGATA ATTTTTGATA GTCTTGTATA ATTTTTGATA GTCTTTCAC TTTCCTTATA ATTTTTGATA GTCTGTATT TTTCTGAGAC GATCACAGCT CCTCAGCCAC CTAATTTTTG AGGCTGTTCT CAAAGTGCTG TGGTTTTCTT TTAAAGTGGGG TTTCCTTCT TTAAAGTGGGG

			ACCACTOC		
84001	AAAGCCATAA	ACATICATIA	AGCACIGCTT	TAGCGGCATC	ACACATATT
84051	GATATAGTGT CTTGGTACAT	CTTTAAATTA	TCACACTCTA	CCTTTAACTC	TTATTATACC
84101	ATGTGTACAG	TATAACAACC	TTACAACAAT	ATATTYCTAT	TETTOCCTO
04201	CTGGCCTTTG	TECTATICIT	CTCATATCTT	TACTITICAL	TATATTETAA
04201	ACTTCAAAAC	ATACTICITAT	CACTITICCA	CTAAACAGAG	TATITICIT
04201	TGAAGAGTTT	AAATATTAAC	CAAAACTCAT	ATTTATATAT	ACTICANTICTA
043C1	GTCACCATTT	CCACTTCTCT	TTACTOTTTT	CTCTACATTC	ACTUACION
	CTGGTATCAT				
044U1	ATGCAGGTGT	CTTCTCATC	AACTICITICA	CHILITAN	TTTTAATATC
04EU1	TGAAAACGTA	THE HAIR	ATTITACAAA	CCTATITION	CTCAATAAAT
0420T	AATTCTAGGT	TEACATTECT	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	CITCLITAAT	CHAIN
0422T	CACTGTCTTC	TETETETAT	TITTITICAA	AAGAAATCTG	CTITCTICAT
0400T	THETTIGIC	TTCTCTATAT	AACATICTOCC	WOMMICIO .	CTCATTGCTT
9/701	TTAACATTIT	ATCATTREET	TTAACCAATT	TIGGITATICAT	GIGCOTIGGT
94751	AGITTICTIC	ATGITICATIO	TECTITICET	TTATTCATCT	TGTATATTTG
84801	AGCTTACAGT	GTTAGTCAAA	TITGAAAAAA	ΔΔΔΑΤΤΙΌΤΤ	CAAATATTTA
84851	GIGTTIGCTC	THICHCACT	CACTIGGAGAC	TCAAATTACA	CACATATATA
84901	TGGAGATTGT	GCTCTTT	TIACTITITI	TGTTGGTT	TIGGIAATCT
84951	CTATCTAGTG	CTGCACCTAC	CAGTTCATAG	CCTTTTCCC	CTTTTGAAAT
85001	GCTAATCTG	CIGITAATIC	CATTCAGTGC	CTTTTAATAT	TGTGGACATT
85051	GIAGTITICT	TCTCTAGAAG	THIGATITIT	ATCTTCTTAA	AATGTTATAC
85101	TTTTCTACTT	ACTGLITICA	ATGTTTCCTT	TATTTGCACA	AAGGTAATGC
85151	ATTTATAACT	TCTAATGTCC	TIGICTACTA	ATCCTATCAT	CTGTGTACTT
85201	TTTGGATCAG	TTTCAATTTA	TIGGITTIC	TCTTTCTCCT	TACGGGTATA
85251	ппсстеп	TCTTTGCATG	CTIGITATTT	ППППС	CATTTGCAAA
85301	GITATITICT	TITACTCTCT	ппппс	птспстст	TTTGTAAAA
85351	GGAAACCATG	GTCTTGGGGG	CTAGAGCGGA	<b>GTTTTGCATG</b>	CCTGGTAATT
85401	TCTGATTGAA	TTCTAGACAT	TGTAAATTTT	ACCTTGTTGG	GAGGTGGGTT
85451	TATAAATAT	<b>TCATAAGAAT</b>	TITAGTATIT	ATAAAAATAT	TTTTGAGTGT
85501	AATTTTGAGG	TGTGGTTAAG	TGTTTTGGTA	ACAGTTTGAT	CCTTTTAGT
85551	CHGIGITTA	<b>AATTTTCTGA</b>	<b>GGTGAGACTA</b>	AGGCAGTGTT	TTGAATAGGG
85601	TIGATITIC	CACTCTATTG	AGGTAGGGCC	CTTTTTAGTA	CTCTACCTAA
85651	TGCCCTATGA	ATTATGAGTT	TCCACTCTGG	CTATTCGGAG	GAGGCACTAT
85701	TCCTGGCCCT	TTGTGAGCTT	TGAGTATTAT	TTGCTCCATT	CTTTTTAGGT
85751	GCTTTCTTT	<b>द्धारमादादा</b>	GTTTCTTCA	<b>CGTGTGAATA</b>	TTTGGCAGCC
85801	ACTITICCGT	CACACACAGG	जागटाटा	TGTTTGAATC	CCCACTCCCT
85851	CIGICICIGI	ACAGGGGAGC	TGTTTATTC	TICHTCHG	CCTATTAAAT
85901	TCTCCATGCC	TATATINININ	NNNNNNNNN	NNNNNNNNN	NNNNNNNN
85951	NNNNNNNN	NNNNNNNNN	NNNNNNNN	NNNCTTCTG	CAAATTTTAA
86001	AGGTTTTCTC	CCTGGGAACT	TIATTIATIA	TCTCCAGTAC	TCTACCCTGC
86051	AAACTGTAGC	CACTITIGACT	TICCCATACI	CCIAGCICIG	TCTTCTCAAC
86101	TCAGGGAGTT	TGTAGGTICT	GCCTAAGGIT	TCCATTGCTG	TGACCIGIGA
86151	ACTITITCCA	GICAAIAAGI	IGGGAGCAAI	CATAGGGCTC	AICHAHG
	ттсссттт				
	GAAAGTTGAT TGTTTTGTTT				
	TTTAGTATTG				
	AGAGGITTAT				
86451	CAGCATCTCT	TTCTCCTGAG	CCTATAGTA	ACCITICACT	TETETAGAAG
					AGCAGCAAGA
86551	GAGAGATGCC	AGGCTCTTTT	CAGTCACCAG	TTCTTATGG	AACTAAGAGT
86601	GAAAACTTAC	TCACTCCTGG	AGAATGGCAC	CAAGCCATTC	ATGAGGGATC
86651	TIGCTIGCCACA	ATCCAGACAG	CICTTACCTA	GGCCCTACCT	CCAATATTGG
	GGATCAAATT				
86751	TATAGCAAGA	CAGAAAGGTA	AATAAATGIT	ACCTITITA	CTTTATGATC
86801	AGAAACAAAG	GICCITATIT	ATCCATTTTT	GAAAGTCCCA	TATTTAATGA
86851	TTTACAGCCA	TGCCACAGCA	TAGGACATAT	TCACATGTCC	CGTGTTAAAA
86901	TIGCIGICIG	AATTTCATGT	<b>ACTICTTTAGA</b>	GAACTGCTTT	<b>GCAGTTTTAA</b>
86951	GTATACATTT	TTAGGAAAAA	AAAGCTTATT	AAGAATGAAA	ПТСПСТСС
87001	TITIGATCCT	ACAGAAAGAG	GAATGCTCTA	<b>AGGTAAAATG</b>	<b>GGGCATGATG</b>
87051	. CTAAAATGGG	AAAAGTAGGG	TAGATTGATG	AAACTTAATC	TGAAAACTAG
87101	CAGCAGATGT	TTGAGAACTC	CATCATAGGC	CTGAAATAAA	TTTAAGGATA
87151	AGTTTAAAGG	TTTGGTATAA	AGITTICIT	<b>ANTIGTOCTIGG</b>	GTTGAATGTA
87201	GATGGAGAGT	GGGGGGAGGT	GIGAGITCIG	GAGAACTGTT	AATTIGITIG
87251	TAATTATT	ACCTATCTGT	CTGTGCATCT	GTCTTCATTG	GGGTCCCCAA
	. IAATTIATI	ACCIAICIO			
87301	GACCACTCTC	AGGCTTGATG	ATTCACTAGA	AGGACTCACT	GGACTTGGAA
87351	GACCACTCTC GCTGTTACAC	AGGCTTGATG TCATGGTTAT	GATTTGTTAA	CACTGAAAGG	ATACAGATAA
87351 87401	GACCACTCTC GCTGTTACAC AAATAAGCAA	AGGCTTGATG TCATGGTTAT AGGGAAAAGG	GATTTGTTAA TGCATGGGTA	CACTGAAAGG ACGTCCAGAA	GGACTTGGAA ATACAGATAA GAAACCAGGT AACACACTTA

87501 ATTICTOCCAG CAACTATGTG TGACAACAGG TGTGAAGTCA CTACCAAACA 87551 GAGAAGTTCA CTTGAGCCTT AGTGTCCAGA ATTITACTGG AGGTTAGTCA

87601			AGIGICLAGA		
	. CGTTGGTATA	CTACAGTGCT	GGCGTGACTG	ACCTCAGCTA	TCCAGATTCC
87651	. AGTACTTCCC	AGGGCAAAAA	CAAGCATTCA	CCATAAATCA	CACTGTCAGT
	ATAAACTTAT				
	CTGGGATATT				
	. TCTAGTTTAC				
87851	. AATGTCCTTT	GTCTGTTTGA	GGATCCCTTG	TAGATTTTCA	CATTACATGT
87901	GGTCATCATG	TTTCTAGGTT	TOTOTOGGOT	GTGACAATTT	CTTTCTTAT
	. TITTGATGGC				
0/301	. ITTIGATGGC	CITICACGATT	TIAAGGIGIA	CIGGICAGGI	CITITOTAGA
88003	. ATGCTTCTCA	ATTTGAGTTT	GGTTGATGTT	TICHACGGT	TTGACTGGGA
88051	. TTGACGGTTT	TGGGAGGAAA	ACCAGACATG	<b>AAGTTCCAAT</b>	TTTCATCACA
	GTCTAACTAA				
00101	AAATCTCCTG	CCCCTTCACA	AATACTTAAT	CACATTITAC	CCCATTATOC
	. TGCTTATATG				
88251	TAATTAATAG	GCAGCCTTCT	TTGCAGTGGT	GTCAAGATCA	CTGTGCACAA
88301	CTTCATATCT	TTCTGGAGAC	AACAGGAAA	GGAAGCCAGA	AGGGAGAACA
22351	GTAATTGGTC	AAGTTCCAGA	TTACCCAACC	TAAAATTGCT	CTCTTTACT
00333	. GIANTIGGIC	ANDI IGCAGA	ACTICAL	CCCCCTTCAC	CATAACTE
	. AGATTAGAAT				
	. CCATTATTCA				
88501	. GTATTAGGGA	CTCCAAATGG	TACAAACTCA	TTCATTCTCT	TTAATTGCCT
88551	AACTCCTACT	CATTETTEAT	ATTGTTGCTT	ΔΔΔΤΙΞΤΓΔΙΚΑ	CCTTTTAGGA
99601	AGCTATACTT	CACTTACACC	ACCCTICAACC	CCTCTCATCC	CCTCTTCTAC
00001	. AGCIAIACI I	GACTIAGAGG	ACCIONIS	CCIGICAIGG	GCICIIGIAG
2002]	. TATTCOGTAT	AAT ITT ITGT	CIAGICCITA	ALLIAAGIAT	IAGIGIAIGE
88701	TTTAATGTAT	ттттссс	AGACTGTAAG	CTCCACAATG	TAGAGACCGT
	GTCAGTTTTA				
	CAGCCATGCA				
	TAATTGAGAA				
	. CTTATAGCAG				
88951	. GGGCCCCCACA	CTTACCCTAA	GTTATAAAAA	TGGTACAATT	AGGTAATTTC
	TACCCTAAGA				
	TTACTICIGA				
	. AGATACATGT				
89151	. TGACATACTT	TGAGCCAATT	CCCTAGTTGG	TTCTGTACCA	GTAAACTCAT
89201	ACCCCCAGCT	<b>ATTACATGTA</b>	<b>GCACATTCAA</b>	CATTCAGGGA	CAAACTTTGA
	TGTAAGTTAA				
	GTTTTAAGGA				
	. TCCTCCTACC				
	. CCCAACATCT				
89451	. AGCITACTTT	CTAGTCTATA	CCTCAGGACA	CAGAATCTGA	ACTGCTTTTA
89501	AAGTTTGCTT	ATATGAGTTT	CCTCACCTTT	CTGACCCAGA	GATATCTTCT
	GICTTIGCCT				
		(44 I I I I I A I		ALAAAAALII	
					TATTATCAGC
	TAACCATCAA	<b>AGGAAATCAG</b>		TTGAACTTAT	GACCCAACTA
	TAACCATCAA	<b>AGGAAATCAG</b>		TTGAACTTAT	GACCCAACTA
89701	TAACCATCAA TTTGGACAGA	AGGAAATCAG TTAGGGCTAG	<b>GAAATGTAAT</b>	TTGAACTTAT GCAAGGCATG	GACCCAACTA TATGTATAGA
89701 89751	TAACCATCAA TTTGGACAGA CTTTGTACAC	AGGAAATCAG TTAGGGCTAG TTTTACATAT	GAAATGTAAT TGGTTTCACT	TTGAACTTAT GCAAGGCATG CGCGTCCCTG	GACCCAACTA TATGTATAGA TGAAGAGACC
89701 89751 89801	TAACCATCAA TTTGGACAGA CTTTGTACAC ACCAAACAAA	AGGAAATCAG TTAGGGCTAG TTTTACATAT GACTAGGGAG	GAAATGTAAT TGGTTTCACT GGACCGACGT	TTGAACTTAT GCAAGGCATG CGCGTCCCTG GTTAAAGAAT	GACCCAACTA TATGTATAGA TGAAGAGACC GCCTGGACGT
89701 89751 89801 89851	TAACCATCAA TTTGGACAGA CTTTGTACAC ACCAAACAAA CAGGCACCTC	AGGAAATCAG TTAGGGCTAG TTTTACATAT GACTAGGGAG AGACCGTTTG	GAAATGTAAT TGGTTTCACT GGACCGACGT CCCATTTTAT	TTGAACTTAT GCAAGGCATG CGCGTCCCTG GTTAAAGAAT GACAAGAATT	GACCCAACTA TATGTATAGA TGAAGAGACC GCCTGGACGT ATCTAGATCT
89701 89751 89801 89851	TAACCATCAA TTTGGACAGA CTTTGTACAC ACCAAACAAA	AGGAAATCAG TTAGGGCTAG TTTTACATAT GACTAGGGAG AGACCGTTTG	GAAATGTAAT TGGTTTCACT GGACCGACGT CCCATTTTAT	TTGAACTTAT GCAAGGCATG CGCGTCCCTG GTTAAAGAAT GACAAGAATT	GACCCAACTA TATGTATAGA TGAAGAGACC GCCTGGACGT ATCTAGATCT
89701 89751 89801 89851 89901	TAACCATCAA TTTGGACAGA CTTTGTACAC ACCAAACAAA CAGGCACCTC	AGGAAATCAG TTAGGGCTAG TTTTACATAT GACTAGGGAG AGACCGTTTG AAAAATCGAA	GAAATGTAAT TGGTTTCACT GGACCGACGT CCCATTTTAT AGTGCCATTT	TTGAACTTAT GCAAGGCATG CGCGTCCCTG GTTAAAGAAT GACAAGAATT TCTGGCTATT	GACCCAACTA TATGTATAGA TGAAGAGACC GCCTGGACGT ATCTAGATCT TGGAACCACT
89701 89751 89801 89851 89901 89951	TAACCATCAA TTTIGGACAGA CTTTIGTACAC ACCAAACAAA CAGGCACCTC TIGTAGGATGG GTCAAGTTTA	AGGAAATCAG TTAGGGCTAG TTTTACATAT GACTAGGGAG AGACCGTTTG AAAAATCGAA TATTGGGGTC	GAAATGTAAT TGGTTTCACT GGACCGACGT CCCATTTTAT AGTGCCATTT AAGCGGTGTT	TTGAACTTAT GCAAGGCATG CGCGTCCCTG GTTAAAGAAT GACAAGAATT TCTGGCTATT GGAGAAGAAA	GACCCAACTA TATGTATAGA TGAAGAGACC GCCTGGACGT ATCTAGATCT TGGAACCACT ATAAAATGCT
89701 89751 89801 89851 89901 89951 90001	TAACCATCAA TTTIGGACAGA CTTTIGTACAC ACCAAACAAA CAGGCACCTC TIGTAGGATGG GTCAAGTTTA TAGATTTTAG	AGGAAATCAG TTAGGGCTAG TTTTACATAT GACTAGGGAG AGACCGTTTG AAAAATCGAA TATTGGGGTC ATCAGGTGTG	GAAATIGTAAT TIGGTTTCACT GGACCGACGT CCCATTITTAT AGTIGCCATTT AAGCGGTIGTT AGCTGAAGAG	TTGAACTTAT GCAAGGCATG CGCGTCCCTG GTTAAAGAAT GACAAGAATT TCTGGCTATT GGAGAAGAAA GTTTTAAGGT	GACCCAACTA TATGTATAGA TGAAGAGACC GCCTGGACGT ATCTAGATCT TGGAACCACT ATAAAATGCT CTTGAGAACA
89701 89751 89801 89851 89901 89951 90001 90051	TAACCATCAA TTTTGGACAGA CTTTTGTACAC ACCAAACAAA CAGGCACCTC TGTAGGATGG GTCAAGTTTA TAGATTTTAG CAGGCTAAGG	AGGAAATCAG TTAGGGCTAG TTTTACATAT GACTAGGGAG AGACCGTTTG AAAAATCGAA TATTGGGGTC ATCAGGTGTG GAGAAGAAGG	GAAATIGTAAT TIGGTTTCACT GGACCGACGT CCCATTITTAT AGTIGCCATTT AAGCGGTIGTT AGCTGAAGAG AGGAATIGGAG	TTGAACTTAT GCAAGGCATG CGCGTCCCTG GTTAAAGAAT GACAAGAATT TCTGGCTATT GGAGAAGAAA GTTTTAAGGT GGTGGAAGGT	GACCCAACTA TATGTATAGA TGAAGAGACC GCCTGGACGT ATCTAGATCT TGGAACCACT ATAAAATGCT CTTGAGAACA TGCCTATAGT
89701 89751 89801 89851 89901 89951 90001 90051	TAACCATCAA TITIGGACAGA CITTIGTACAC ACCAAACAAA CAGGCACCTC TIGTAGGATIGG GTCAAGTITTA TAGATTITAG CAGGCTAAGG GAAGGAGCAA	AGGAAATCAG TTAGGGCTAG TTTTACATAT GACTAGGGAG AGACCGTTTG AAAAATCGAA TATTGGGGGTC ATCAGGTGTG GAGAAGAAGG GTCCAGAGAA	GAAATIGTAAT TIGGTTTCACT GGACCGACGT CCCATTITTAT AGTIGCCATTT AAGCGGTIGTT AGCTGAAGAG AGGAATIGGAG AAGAGAGGGT	TTGAACITAT GCAAGGCATG CGCGTCCCTG GTTAAAGAAT GACAAGAATT TCTGGCTATT GGAGAAGAAA GTTTTAAGGT GGTGGAAGGT AGAGACAGAG	GACCCAACTA TATGTATAGA TGAAGAGACCC GCCTGGACGT ATCTAGATCT TGGAACCACT ATAAAATGCT CTTGAGAACCA TGCCTATAGT TGAAGGGGTG
89701 89751 89801 89851 89901 89951 90001 90051 90101	TAACCATCAA TITIGGACAGA CITTIGTACAC ACCAAACAAA CAGGCACCTC TGTAGGATGG GTCAAGTTTA TAGATTTTAG CAGGCTAAGG GAAGGAGCAA GGGGGTGCTT	AGGAAATCAG TTAGGGCTAG TTTTACATAT GACTAGGGAG AGACCGTTTG AAAAATCGAA TATTGGGGTC ATCAGGTGTG GAGAAGAAGG GTCCAGAGAA GCCCCCCTGG	GAAATIGTAAT TIGGTTTCACT GGACCGACGT CCCATTTTAT AGTGCCATTT AGCGGTGTT AGCTGAAGAG AGGAATIGGAG AAGAGAGGGT AAAGTIGGAGA	TTGAACITAT GCAAGGCATG CGCGTCCCTG GTTAAAGAAT GACAAGAATT TCTGGCTATT GGAGAAGAAA GTTTTAAGGT GGTGGAAGGT AGAGACAGAG GAAAAGAGAG	GACCCAACTA TATGTATAGA TGAAGAGACCC GCCTGGACGT ATCTAGATCT TGGAACCACT ATAAAATGCT CTTGAGAACA TGCCTATAGT TGAAGGGGTG GGTAGAGACA
89701 89751 89801 89851 89901 89951 90001 90051 90101	TAACCATCAA TITIGGACAGA CITTIGTACAC ACCAAACAAA CAGGCACCTC TIGTAGGATIGG GTCAAGTITTA TAGATTITAG CAGGCTAAGG GAAGGAGCAA	AGGAAATCAG TTAGGGCTAG TTTTACATAT GACTAGGGAG AGACCGTTTG AAAAATCGAA TATTGGGGTC ATCAGGTGTG GAGAAGAAGG GTCCAGAGAA GCCCCCCTGG	GAAATIGTAAT TIGGTTTCACT GGACCGACGT CCCATTTTAT AGTGCCATTT AGCGGTGTT AGCTGAAGAG AGGAATIGGAG AAGAGAGGGT AAAGTIGGAGA	TTGAACITAT GCAAGGCATG CGCGTCCCTG GTTAAAGAAT GACAAGAATT TCTGGCTATT GGAGAAGAAA GTTTTAAGGT GGTGGAAGGT AGAGACAGAG GAAAAGAGAG	GACCCAACTA TATGTATAGA TGAAGAGACCC GCCTGGACGT ATCTAGATCT TGGAACCACT ATAAAATGCT CTTGAGAACA TGCCTATAGT TGAAGGGGTG GGTAGAGACA
89701 89751 89801 89851 89951 90001 90051 90101 90151 90201	TAACCATCAA TITIGGACAGA CITTIGTACAC ACCAAACAAA CAGGCACCTC TGTAGGATGG GTCAAGTTTA TAGATTTTAG CAGGCTAAGG GAAGGAGCAA GGGGGTGCTT CAGAGAGAAG	AGGAAATCAG TTAGGGCTAG TTTTACATAT GACTAGGGAG AGACCGTTTG AAAAATCGAA TATTGGGGTGTG ATCAGGTGTG GAGAAGAAGG GTCCAGAGAA GCCCCCCTGG GGGTGTGGGG	GAAATIGTAAT TIGGTTTCACT GGACCGACGT CCCATTTTAT AGTIGCCATTT AAGCGGTIGTT AGCTGAAGAG AGGAATIGGAG AAGAGAGGGGT AAAGTIGGAGA TIGCTTIGCTTTC	TTGAACITAT GCAAGGCATG CGCGTCCCTG GTTAAAGAAT GACAAGAATT TCTGGCTATT GGAGAAGAAA GTTTTAAGGT AGAGAAGGT AGAGACAGAG GAAAAGAGAG GAAAAGAGAG CCAGGAAAGT	GACCCAACTA TATGTATAGA TGAAGAGACCC GCCTGGACGT ATCTAGATCT TGGAACCACT ATAAAATGCT CTTGAGACCA TGCCTATAGT TGAAGGGGTG GGTAGAGACA GGAGAAGGGG
89701 89751 89801 89851 89901 89951 90001 90151 90151 90201	TAACCATCAA TITIGGACAGA CITTIGTACAC ACCAAACAAA CAGGCACCTC TIGTAGGATGG GTCAAGTTTA TAGATTTTAG CAGGCTAAGG GAAGGAGCAA GGGGGTGCTT CAGAGAGAAGA TIGGGTAGAGA	AGGAAATCAG TTAGGGCTAG TTTTACATAT GACTAGGGAG AGACCGTTTG AAAAATCGAA TATTGGGGTC ATCAGGTGTG GAGAAGAAGG GTCCAGAGAA GCCCCCCTGG GGGTGTGGGG CATGGAGAGA	GAAATIGTAAT TIGGTTTCACT GGACCGACGT CCCATTITAT AGTIGCCATTT AAGCGGTIGTT AGCTGAAGAG AGGAATIGGAG AAGAGAGGGGT AAAGTIGGAGA TIGCTTICCTTC AGGGGTIGGGG	TTGAACITAT GCAAGGCATG CGCGTCCCTG GITAAAGAAT GACAAGAATT TCTGGCTATT GGAGAAGAAA GTTTAAGGT GGTGGAAGGT AGAGACAGAG GAAAAGAGAG GAAAAGAGAG CCAGGAAAGT GTTGCTTGCC	GACCCAACTA TATGTATAGA TGAAGAGACC GCCTGGACGT ATCTAGATCT TGGAACCACT ATAAAATGCT CTTGAGAACA TGCCTATAGT TGAAGGGGTG GGTAGAGACA GGAGAAGGGG CCCCAGGAAA
89701 89751 89801 89851 89901 90001 90051 90101 90151 90201 90251 90301	TAACCATCAA TITIGGACAGA CITTIGTACAC ACCAAACAAA CAGGCACCTC TGTAGGATGG GTCAAGTTTAA TAGATTTTAG CAGGCTAAGG GAAGGAGCAA GGGGGTGCTT CAGAGAGAAGA TIGGGTAGAGA GTGGAGAAGG	AGGAAATCAG TTAGGGCTAG TTTTACATAT GACTAGGGAG AGACCGTTTG AAAAATCGAA TATTGGGGTC ATCAGGTGTG GAGAAGAAGG GTCCAGAGAA GCCCCCCTGG GGGTGTGGGG CATGGAGAA GCTCGGTAGA	GAAATIGTAAT TIGGTTTCACT GGACCGACGT CCCATTITAT AGTIGCCATTT AAGCGGTIGTT AGCTGAAGAG AGGAATIGGAG AAGAGAGGGT AAAGTIGGAGA TIGCTTIGCTTC AGGGGTIGGGG GACATIGGAGA	TTGAACITAT GCAAGGCATG CGCGTCCCTG GTTAAAGAAT GACAAGAATT TCTGGCTATT GGAGAAGAAA GTTTAAGGT GGTGGAAGGT AGAGACAGAG GAAAGAGAG CCAGGAAAGT GTTGCTTGCC GAAGGGTGA	GACCCAACTA TATGTATAGA TGAAGAGACC GCCTGGACGT ATCTAGATCT TGGAACCACT ATAAAATGCT CTTGAGAACA TGCCTATAGT TGAAGGGGTG GGTAGAGACA GGAGAAGGGG CCCCAGGAAA GGGGTGCTTG
89701 89751 89801 89851 89901 90001 90051 90151 90201 90251 90301 90351	TAACCATCAA TITIGGACAGA CITTIGTACAC ACCAAACAAA CAGGCACCTC TGTAGGATGG GTCAAGTTTA TAGATTTTAG CAGGCTAAGG GAAGGAGCAA GGGGGTGCTT CAGAGAGAAG TTGGTAGAGAAG TTGGTAGAGAAG CTGGGTAGAGA	AGGAAATCAG TTAGGGCTAG TTTTACATAT GACTAGGGAG AGACCGTTTG AAAAATCGAA TATTGGGGTC ATCAGGTGTG GAGAAGAAGG GTCCAGGAA GCCCCCCTGG GCGTGTGGGG CATGGAGAA AGTGGAGAA AAGTGGAGAA	GAAATIGTAAT TIGGTTTCACT GGACCGACGT CCCATTITAT AGTIGCCATTT AAGCGGTIGTT AGCTGAAGAG AGGAATIGGAG AAGAGAGGGGT AAAGTIGGAGA TIGCTTICCTTC AGGGGTIGGGG GACATIGGAGA GGGGTIGTGGG	TTGAACTTAT GCAAGGCATG CGCGTCCCTG GTTAAAGAAT GACAAGAATT TCTGGCTATT GGAGAAGAAA GTTTTAAGGT GGTGGAAGGT AGAGACAGAG GAAAAGAGAG CCAGGAAAGT GTTGCTTGCC GAAGGGTGA GTGCTTGCCC	GACCCAACTA TATGTATAGA TGAAGAGACC GCCTGGACGT ATCTAGATCT TGGAACCACT ATAAAATGCT CTTGAGAACA TGCCTATAGT TGAAGGGGTG GGTAGAGACA GGAGAAGGGG CCCCAGGAAA GGGGTGCTTG CCCAGGAAAG
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89701 89751 89801 89851 89901 90001 90051 90101 90201 90251 90301 90351 90401	TAACCATCAA TITIGGACAGA CITTIGTACAC ACCAAACAAA CAGGCACCTC TGTAGGATGG GTCAAGTTTA TAGATTTTAG CAGGCTAAGG GAAGGAGCAA GGGGGTGCTT CAGAGAGAAG TTGGTAGAGAAG TTGGTAGAGAAG CTGGGTAGAGA	AGGAAATCAG TTAGGGCTAG TTTTACATAT GACTAGGGAG AGACCGTTTG AAAAATCGAA TATTGGGGTC ATCAGGTGTG GAGAAGAAGG GTCCAGAGAA GCCCCCCTGG GGGTGTGGGG CATGGAGAGA GGTGGGTAGA AAGTGGAGAA GAAGGGTAGA	GAAATIGTAAT TIGGTTTCACT GGACCGACGT CCCATTTTAT AGTIGCCATTT AAGCGGTIGTT AGCTGAAGAG AGGAATIGGAG AAGAGAGGGGT AAAGTIGGAGA TIGCTTIGCTTC AGGGGTIGGGG GACATIGGAGA GGGGTIGTIGGG GACATIGGAGA	TTGAACTTAT GCAAGGCATG CGCGTCCCTG GTTAAAGAAT GACAAGAATT TCTGGCTATT GGAGAAGAAA GTTTTAAGGT GGTGGAAGGT AGAGACAGAG GAAAGAGAG GAAAAGAGAG GAAAAGAGAG GCAAGGAAAGT GTTGCTTGCC GAAGGGGTGA GTGCTTGCCC GAAGCGGTGG	GACCCAACTA TATGTATAGA TGAAGAGACC GCCTGGACGT ATCTAGATCT TGGAACCACT ATAAAATGCT CTTGAGAACA TGCCTATAGT TGAAGGGTG GGTAGAGGACA GCCCAGGAAA GCGGTGCTTG CCCAGGAAAG GGATGCTTGC
89701 89751 89801 89851 89901 90051 90101 90251 90201 90251 90301 90351 90401 90451	TAACCATCAA TITIGGACAGA CITTIGTACAC ACCAAACAAA CAGGCACCTC TGTAGGATGG GTCAAGTTTA TAGATTTTAG CAGGCTAAGG GAAGGAGCAA GAGGAGCAA GGGGTGCTT CAGAGAGAAGA TTGGAGAAGAA GTTGGAGAAAGG CCCCCCAGGA TTGGAGAAAGG	AGGAAATCAG TTAGGGCTAG TTTTACATAT GACTAGGGAG AGACCGTTTG AAAAATCGAA TATTGGGGTC ATCAGGTGTG GAGAAGAAGG GTCCAGAGAA GCCCCCCTGG GGGTGTGGGG CATGGAGAGA GGTGGGTAGA AAGTGGAGAA AAGTGGAGAAA AAGTGGAGAAA	GAAATIGTAAT TIGGTTTCACT GGACCGACGT CCCATTTTAT AGTIGCCATTT AAGCGGTIGTT AGCTGAAGAG AGGAATIGGAG AAGAGAGGGGT AAAGTIGGAGA TIGCTTIGCTTC AGGGGTIGGGG GACATIGGAGA GGGTIGTIGGG GACATIGGAGA GGGTIGTGGGAGA GGGTIGGGTAGA	TTGAACTTAT GCAAGGCATG CGCGTCCCTG GTTAAAGAAT GACAAGAATT TCTGGCTATT GGAGAAGAAA GTTTTAAGGT GGTGGAAGGT AGAGACAGAG GAAAAGAAG GAAAAGAGG GAAAAGAGG CCAGGAAAGT CGTGCTTGCC GAAGGGGTGA GTGCTTGCCC GAAGGGGTGA GTGCTTGCCC GAAGCGGTGG ACACATGGAG	GACCCAACTA TATGTATAGA TGAAGAGACC GCCTGGACGT ATCTAGATCT TGGAACCACT ATAAAATGCT CTTGAGAACCA TGCCTATAGT TGAAGGGGTG GGTAGAGGACA GCGCCAGGAAA GCGGTGCTTG CCCAGGAAAG GGATGCTTGC AGAAGGGGTG
89701 89751 89801 89851 89901 90001 90051 90151 90201 90201 90301 90401 90451 90501	TAACCATCAA TITIGGACAGA CITTIGTACAC ACCAAACAAA CAGGCACCTC TGTAGGATGG GTCAAGTTTA TAGATTTTAG CAGGCTAAGG GAAGGAGCAA GAGGAGCAA TGGAGAAGA TGGAGAAGA TTGGAGAAGA TTGGAGAAGA GTGGAGAAGA GTGGAGAAGA CCCCCCAGGAA GCCCCCAGGAA GGGGGGCACTT	AGGAAATCAG TTAGGGCTAG TTTTACATAT GACTAGGGAG AGACCGTTTG AAAAATCGAA TATTGGGGTC ATCAGGTGTG GAGAAGAAGG GTCCAGAGAA GCCCCCCTGGG GGGTGTGGGG CATGGAGAGA AGTGGAGAGA AAGTGGAGAGA AGTGGAGAAG GAAGGGTAGA AGTGGAGAAG GTCCCCCAGG	GAAATIGTAAT TIGGTTTCACT GGACCGACGT CCCATTTTAT AGTIGCCATTT AAGCGGTIGTT AGCTGAAGAG AGGAATIGGAG AAGAGAGGGT AAAGTIGGAGA TIGCTTTC AGGGGTIGGAGA GGCATTGCAGAG GGCATTGCAGAG GGCATTGCAGA GACATTGCAGA GACATTGCAGA GACATTGCAGA GACATTGCAGA AGGGTTGTGGG GACATTGCAGA AAAGTTGCAGA AAAGTTGGAGA AAAGTTGGAGA	TTGAACTTAT GCAAGGCATG CGCGTCCCTG GTTAAAGAAT GACAAGAATT TCTGGCTATT GGAGAAGAAA GTTTTAAGGT GGTGGAAGGT AGAGACAGAG GAAAGAGAG CCAGGAAAGT GTTGCTTGCC GAAGGGTTGA GGAGGGTTGA GGAGGGTTGA GAAGCGGTTGA ACACATGGAG AAGGGTTGGA AAGGGTTGGA	GACCCAACTA TATGTATAGA TGAAGAGACC GCCTGGACGT ATCTAGATCT TGGAACCACT ATAAAATGCT CTTGAGAACA TGCCTATAGT TGAAGGGGTG GGTAGAGACA GGAGAAGGGAA GGGGTGCCTTGC AGAAGGGGTG GGTGCTTGC AGAAGGGTTG GGTGCTTGCC AGAAGGGGTG GGTGCTTGCC
89701 89751 89801 89851 89901 90001 90051 90151 90201 90201 90301 90401 90451 90501	TAACCATCAA TITIGGACAGA CITTIGTACAC ACCAAACAAA CAGGCACCTC TGTAGGATGG GTCAAGTTTA TAGATTTTAG CAGGCTAAGG GAAGGAGCAA GAGGAGCAA TGGAGAAGA TGGAGAAGA TGGAGAAGA TTGGAGAAGA GTGGAGAAGA CCCCCCAGGAA CCCCCCAGGAA GGGGGCACTT CCCCAGGAAA	AGGAAATCAG TTAGGGCTAG TTTTACATAT GACTAGGGAG AGACCGTTTG AAAAATCGAA TATTGGGGTC ATCAGGTGTG GAGAAGAAGG GTCCAGAGAA GCCCCCCTGGG GGGTGTGGG CATGGAGAA AGTGGAGAA AAGTGGAGAA AAGTGGAGAAG GAAGGGTAGA AGTGGAGAAG GTCCCCCAGG GTCGCCCAGG	GAAATIGTAAT TIGGTTTCACT GGACCGACGT CCCATTTTAT AGTIGCCATTT AAGCGGTIGTT AGCTGAAGAG AGGAATIGGAG AAGAGAGGGT AAAGTIGGAGA TIGCTTIC AGGGGTIGGAGA GGACATIGGAGA GGACATIGGAGA GGACATIGGAGA GGGTIGGAGA GGTAGAGACA	TTGAACTTAT GCAAGGCATG CGCGTCCCTG GTTAAAGAAT GACAAGAATT TCTGGCTATT GGAGAAGAAA GTTTTAAGGT GGTGGAAGGT AGAGACAGAG GAAAAGAGAG CCAGGAAAGT GTTGCTTGCC GAAGGGTTGA GGAGCGGTGA GGACGGTGA AGACGGTTGA GAAGCGGTTGA ACACATGGAG ACACATGGAG ACACATGGAG ACACAGGAAAG CAGAGAGAAG	GACCCAACTA TATGTATAGA TGAAGAGACC GCCTGGACGT ATCTAGATCT TGGAACCACT ATAAAATGCT CTTGAGAACA TGCCTATAGT TGAAGGGGTG GGTAGAGGACA GGAGAAGGGG CCCCAGGAAA GGGTGCTTGC AGAAGGGTG GGTGCTTGC AGAAGGGTG GGTGCTTGCC AGAAGGGGTG GGTGCTTGCC AGAAGGGGTG GGTGCTTGCC GGGTGGGGGT
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93301 CACTTCACAT TTTTACTTGA 93351 TCAGAGTCCT CGAGTGATTT	CTGCACAATC	CCCACTCACC TGTCTGCTTT TCTGACATTT	AGAAAAGAGA CTGTGCATAG TCATTGGTTT TTCTTTCTTT
93301 CACTTCACAT TITTACTTGA	CTGCACAATC TTGTATTTTG TCATTCTTGG	CCCACTCACC TGTCTGCTTT TCTGACATTT GTGTTTCTCA	AGAAAAGAGA CTGTGCATAG TCATTGGTTT TTCTTTCTTT CAGAGGGGGA
93301 CACTTCACAT TITTACTTGA 93351 TCAGAGTCCT CGAGTGATTT 93401 TITTTTTTTT TITTAATTGA 93451 TTTGGCAGGG TCATAGGACA	CTGCACAATC TTGTATTTTG TCATTCTTGG ATAGTGGAGG	CCCACTCACC TGTCTGCTTT TCTGACATTT GTGTTTCTCA GAGGGTCAGC	AGAAAAGAGA CTGTGCATAG TCATTGGTTT TTCTTTCTTT CAGAGGGGGA AGATAAACAA
93301 CACTTCACAT TITTACTTGA 93351 TCAGAGTCCT CGAGTGATTT 93401 TITTTTTTT TITTAATTGA	CTGCACAATC TTGTATTTTG TCATTCTTGG ATAGTGGAGG TTCCTATGCA	CCCACTCACC TGTCTGCTTT TCTGACATTT GTGTTTCTCA GAGGGTCAGC GAGGACCCTG	AGAAAAGAGA CTGTGCATAG TCATTGGTTT TTCTTTCTTT CAGAGGGGGGA AGATAAACAA CGGCCTTCCG
93301 CACTTCACAT TITTACTTGA 93351 TCAGAGTCCT CGAGTGATTT 93401 TITTTTTTTT TITTAATTGA 93451 TTTGGCAGGG TCATAGGACA 93501 GTGAACAAAG GTCTCTGGTT 93551 CAGTGTTTGT GTCCCTGGGT 93601 AACGAGCATG CTGCCTTCAA	CTGCACAATC TTGTATTTTG TCATTCTTGG ATAGTGGAGG TTCCTATGCA ACTTGAGATT GCATCTGTTT	CCCACTCACC TGTCTGCTTT TCTGACATTT GTGTTTCTCA GAGGGTCAGC GAGGACCCTG AGGGAGTGGT AACAAAGCAC	AGAAAAGAGA CTGTGCATAG TCATTGGTTT TTCTTTCTTT CAGAGGGGGA AGATAAACAA CGGCCTTCCG GATGACTCTT ATCTTGCACC
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95401	NNNNNNNNN	NNNNNNNN	NNNNNNNN	NNNNNNNNN	NCTTTTTTT
95451	пппсп	TAAATCTTCA	<b>TAGAATGTGT</b>	CTTTACAGCA	TGGGAAATTT
	ппппппппппппппппппппппппппппппппппппппп				
95551	TTATTTTCAT	TTAGATCTAA	GAACACATTT	TAACAGTTAC	TGCTTCCTAA
	TCTTGCTTTA				
95651	GACCTTGGAG	GTGGTTTC	TCAACCTTTT	TTTTCCTGCA	ATATGTAGTA
	TCTTTAGTAA				
	TGAACATTGT				
	GTGCCAGCCC				
	TGAAAAGAAT				
	AGAGGATCTT				
	CTACGGAATT				
	CATTAATTIT				
	TITCTATTTA				
	TACAGTTTGA				
96201	<b>GCTAGGAAGA</b>	<b>ACTAACTATA</b>	<b>GGATGTTTGT</b>	CAGGGACATG	TTCCTTGGGA
	<b>AATTTATCTC</b>				
	ACTITAATTC				
	TTCATTAGGG				
	GGTTATATTG				
	TAGTTATGAT CAATTTTAAG				
	ATGATATACT				
	CICTICIAGI				
	TACAGACTAA				
	AATAATAAGC				
96751	TAGAGTGTAG	TGGCATGCTC	TTGGCTCACT	<b>GCAACCTCTG</b>	CCTCCCAGGT
96801	TCAAGCGAGT	CTCCTGCCTC	<b>AGCCTCTTGA</b>	<b>GTAGCTGGGA</b>	TTACTGGCAT
	GCACCACCAC				
	ATGGGGTTTC				
	TGTGAATTAT				
	AGGTACTAAA CAGAACAAAA				
	CCTCCAGAAT				
	TCTAGTATTT				
	TAACATATGC				
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	AATTACCCAA				
	ACCATTTITT				
	TCAAAAAAGT				
	TTAAACCATA				
	AGAAGGTCCT				
	TACAGATAAT				
	TTATATCTGC ATATTCTAAA				
	TCACTGTCTT				
	TAATTIGIGT				
	ATACTITICT				
	CACTCATCTT				
97901	GACATTTCTT	AAAATTGATT	GAATTTATTT	CAGTAGTAAA	TTTTAGCCAC
97951	<b>AGTACAATAG</b>	TTGGAAAGAA	TAAACGAATT	ACAGTTGTAA	TAATAAAGGA

98001 AACTTAGGTT AAGAAAATTT CCTAGATTTG TTAATCAGTC ATTTCTCTAA
98051 CTTTGTCACC TAGTTCTACT AGGTGAATGG GTGGTTCCCT, GACAACGTTG
98101 GCACCCATC AAGGCTTTTT TIGTTTAGTT TIGTTTTGT TTTTGGCTGA
98151 ACCTITITAAC TCCCCATCTG CGTCATGCTT TTCTTTTTTT CTTGACCACA
98201 GCTTCTAGGA TCTTAGTCTG CTTCCTTGTC CTCATGCTTT TATATATACA
98251 TACAAACACA AACACACAC CACACATGCA CACAGACACA CACAGGAGTA
98301 TGTCAAATGA TAAAAGTAAT GCAGTTTCAC TGTAGAAAAT TTTCGTAATA
98351 CCAAAAATTA TTATGGATAA TATAGAAATT GCTTGTATTC CTATCACTTT
98401 AAAAATAACA ATTITTGAAA ATACATATAT GIGTATGIGG TTTTTTTTTT
98451 TTTTCTGAGA CGGACTTTCA CTCTTGGCGT TCAGGCTGGA GTTCAATGGC
98501 GCGATCTCGG CTCAGTGTAA CCTCCGCCTC CCTGGTTCAA GTGATTCCCT
98551 TGCCTCAGCC TCCCGAGTAG CGGAGTTTCC AGGTGCCGGC CACTATGCCT
98601 GGCTAATTTT TGTATTTTTA GTAGAGGCGG GGTTTCACCA CGTTGGCCAG
98651 GCTGGTCTTG AACTCCTGAC CTGTGTGTGT GTTTTAATTG GGATTATAAT
98701 GTATTAAAAT CTITATATTC TGCTTTTTTA TTACATAAAT TTTCAGAAAA
98751 TATAAAATAT CTTCTAAAAT TTATTTAATT TCTATATGAT TGTCCATTCT
98801 TTAAGTATTC TATAATTCAT TTAATAGTTG TTTGATGTTT AGCATTGAGG
98851 TTGTTTCTAG GTTATTTTCT GTCATACAGA GTGTTGTGCC ATGAATCTTT
98901 GAAGAAGAAA TCTTTTTGTA TTTCCTGAAC TGTTTTGGGA GGATAGTCTA
98951 GGAAGTAATA TTACTAGGTA AAATGTATGA ACTTCTAAAA TATGTTGCCA
99001 AGTACATTTA ATAAACATTA CGATTTTTTT CTTCTACCAG TGTGTGACAG
99051 TGTTGACTCA TTGTCTATCA CTGGCCTTGA GAAGTCCATA TTTTACTCTT
99101 CGCTAATTTT ATAAGCTGAA AACAGCTTTT CACTATTTTA ATTTGGATGT
99151 TTTGGCTTTG ATTAGTAGAG AGTTGAGCTT TTTACCCCCA TAGTTTGATT
99201 TIGCATTICT TITTIGTATC ATCCATTICC TCTTATATTC CATACTIGTA
99251 ACGGTACCTT TCCCAAGCTA GITATITAAG CTTTTTTTAA AAAAAATTT
99301 TAATGATTIT TGAAATGGAC TCTTTGAGCT TTTTTTTTT CTTTTTTTAC
99351 CTTTTCCCTT TTTAAGATTT TTATTCTTAC CTATTAGGAA GACAACAAGG
99401 TATATCTAAT TACATGACAA ACAGTCTTCA CCAAGAAGCC AGAATCTTAA
99451 ATTTATAGCT CACIGTTGCC ATCTGAGATA TAAATAGAAC TTCAGTTACT
99501 GTGTGTTGCT TTCCATTAG TCTACTTCCT TGCTCTTCTT AAACCCCACT
99551 ACTOCTICTT TAATGATAGC CCTTCTACGA ACACATGGAT CTTAATAGAC
99601 TATAAGAATC ACTIGATIGA TGTGTTTCAT TTACATTTTA GAGAACTTCC
99651 ATAATAAATA AAAGCTCTCT CAGTGTGTCT CACAGAGAGA TTATCCCACA
99701 AAGAAATGTT CCTCTTGAG CATTTTCTTA TATTTCTTCC TGTCTTCAAA
33/UL MUSAMIGIT CCICITIONG CATTICITA TATTICITIC IGICITOMA
99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCTGTTA AATGCCAGTA
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99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCTGTTA AATGCCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGAGGGGA 99851 CCTCTATAAT AATGGAATGC CAGTAACCAA AACAGCATGG TACTGGTACC
99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCTGTTA AATGCCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGAGGGGA 99851 CCTCTATAAT AATGGAATGC CAGTAACCAA AACAGCATGG TACTGGTACC 99901 AAAACAGAGA TNNNNNNNN NNNNNNNN NNNNNNNN NNNNNNNN NNNN
99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCTGTTA AATGCCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGAGGGGA 99851 CCTCTATAAT AATGGAATGC CAGTAACCAA AACAGCATGG TACTGGTACC 99901 AAAACAGAGA TINNINNININ NINNINNININ NINNINNININ NINNIN
99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCTGTTA AATGCCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGAGGGGA 99851 CCTCTATAAT AATGGAATGC CAGTAACCAA AACAGCATGG TACTGGTACC 99901 AAAACAGAGA TININININININ NININININININ NINININININ
99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCTGTTA AATGCCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGAGGGGA 99851 CCTCTATAAT AATGGAATGC CAGTAACCAA AACAGCATGG TACTGGTACC 99901 AAAACAGAGA TINININININI NINININININI NINININININI NINININININI 99951 NINININININI NINININININI NINININININI
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101651 CITCACCIGA GACAGGAGT CCTGCCCCCA CACGACAGC CATGCCTGAT (101701) GACAGACAAT GACTGCCTCA GAGTTAAATT ACAAGAGAA GAGTTGCTT (101701) GACAGACAAT GACTGCCTCA GAGTTAAATT ACAAGAGACA GAGTTGCTT (101701) GACAGACAAT GACTGCCTCA GAGTTAAATT ACAAGAGACA GAGTTGCTT (101701) GACAGACAAT ACTCATCAT ATCACTTTAAAT ACAAGAGACA GAGTTGCTT (101801) AAAGCAATCA AGTGCCCATT TAAGTTACAC GACGATGAAG AAACTTAACCC (101801) ATAAGCAAAA AAAAAAAAAAAAAAAAAAAAAAAAAAAA	101501 ACAGCTTCAA TATGATTACC CACTGCCAGC TACCCTGCAC TGTACGGCCT
101651 CTCTACTIGS AGCAGGGGTT CCTGCCCCC ACGAGAGG CATGCCTCA GOLTOTOL 1017013 AGAGCACTAT AGCAGGACATA GACTIGCCTCA GAGTIGACTTA TAGAAGAGGAG GAGGTTGCTG 1017513 AGAACTACTAT AGTICATCAGT AATGGTGCACT TAAGTTAGAG GAGGTTGCTG 101801 AAAGCAATCA AGTIGGCCACT TAAGTTGGAG GAGGTTGAATT ACAACTAGA 101801 AAAGCAATCA AGTIGGCCACT TAAGTTGGAG GAGGATGAGAG TACAATAACA 101901 ATAATGCAAAA AAAAAAAAAA AAAAAAAAAAAAAAAA	101551 TCCTGGCTTC TGGTTGACTT GAACAGGGGC CGAGTTGTCA CAGATCTCAT
101751 AGAGGACAT GACTICCTCA GASTINAATT ACAAGAGAA GAGTICCTIG 101751 AGAATTICOTA AGTICATCAST ANTISGITACAA GAGCATGAAG AAACTIACAC 101851 AGATTACAAC TATTCAAAGA ACCATTGGAA GAGCATGAAG AAACTAACC 101851 AGATTACAAC TATTCAAAGA ACCATTGGAA GAGCAGAG TACAATACCA 101901 ATAATGAGAAA GGTCTTGGAT CTAGAAGGAA AAGCGGTCAC AGATCAGACT 101901 ATAATGAGAAA GAGAAAAAAAAAAAAAAAAAAAAAAA	101601 TAGTCTCATC USCAGGGAT TIGGCTTCG TICTGGGGGC CCTCCGAGGC
101801 AAACCARTGA AGTIGGACHT TAGTITACAG GAGGATGACA AATCACCC 101851 AGATTACAAC TATTCAAGA AGCATTGGA GAGGATGACA AAACTACCCC 101851 ACATTACAAC TATTCAAGA AGCATTGGA GAGGATGACA AAACTACCCACT 101951 ATTAGCAAAA AAAAAAAAAA AGAACCAAC CCCCAAAAAA AGCAACGGTTCAC 101951 ATTAGCAAAA AAAAAAAAAA AGAACCAAC CCCCCAAAAAA AGCAACCGGTTC 102001 GGCACAACGG GTGATGATAA CGAACCAACC CCCCAAAAAA AATCACCAAC 102101 CTAAAGTACA GGCAGTAAAA GACACCACC CCCCAAAAAA AATCACCAAA 102101 CTAAAGTACA GGCAGTAAAA GACTGGGCCA ATTAGACATT TAGTTCTCCA 102101 CTAAAGTACA GGCAGTAAAA GACTGGGCCA ATTAGACATT TAGTTCTCCA 102101 CTAAAGTACA GGCAGTAAAA GACTGGGCCA ATTAGACATT TAGTTCTCCA 102101 AACCGTTTGC TCAGAACCAA GCTTGGTTAA ACCAAAAAGA AATCACCAAA 102101 AACCGTTTGC TCAGAACCAA GCTTGGTAAA AGCAACAGAA GAGGCCCAGA 102301 ATTCCTCAGA GAAATTACCA ACTAAGTAAT CAAACGAAGA ACCGCCAGAA 102301 ATTCCTCAGA GAAATTACCA ACTAAGTAAT CAAACGAAGA ACCTGCCAGAA 102301 ATTCCTCAGA GGCAGACAA CTGGCCACAA AGTCACTTTG GAGGCCCACAA 102301 ATTCCTCAGA GGCAGACAA CTGGCCACAA AGTCACTTTG GAGGCCCACAA 102301 ATTCCTCAGA GGCACAACA CTGGCTACAA AATCACTTTG GAGGCCCACAA 102301 ATTCCTCAGA GGCACAACA CTGGCCACAA AGTCACTTTG CAACGAGGTCAA 102401 CCCCCACCAA GGGCACAACA CTGGCCACAA AGTCACTTTTG CAACGAGGTCAA 102401 CCCCCACCAA GGGCACAACA CTGGCACACA CACCGCTGCACT TTTGCAGATCAC 102511 AGCGCCTGGG CTGTCATCAC CAACTGCAGG TGCTACCGGA GAGGTGTCC 102551 AGCGCCTGGG CTGTCATCAC CAACTGCAGG TGCTACCGGA GAGGTGTCC 102551 ACCCGTGTAT TTCAAAAAGACA CAGCGCTCGG GTCCTTCCC CAGGTGTGTC 102561 CTCCCCAGTT TAGAAAGACA CAGCGCTCGG GTCCTTCCC CAGGTGTGCT 102561 CTCCCCAGTT TAGAAAGACA CAGCGCTCGG GTCCTACCCA GAGCACACA 102561 CTCCCCAGTT TAGAAAGACA CAGCGCTCGG GTCCTTCCC CAGGTGTGCT 102561 CTCCCCAGTT TAGAAAGACA CAGCGCTCGG GTCTCTCC CAGGTGTGTC 102561 CTCCCCAGTT TAGAAAGACA CAGCGCTCGG GTCTACCCACACACACACACACACACACACACACACACAC	10101 CICIACCIGG AGGAGGGIT CCIGCCCCC ACCGAGAGGG CAIGCCIGAT
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101910 ATMATGACA GOTCTTIGAT CTIGAAGCA ACACAGCAG TACAATAACA 101901 ATMATGCAAAA AAAAAAAAA AGAACAAAA GAAAAATAA AGCAACCTGT 102011 GOCACAACGG GITAGTATAA GAACAAAA GAAAAATAA AGCAACCTGT 102011 GOCACAACGG GITAGTATAA GAACAAAA GAAAAATAA AGCAACCTGT 102011 CTAAAGTACA GCCAGTAAAA GACTGGGCCA CTCCCAAAGTAA 102101 CTAAAGTACA GCCAGTAAAA GCCTIGGTAAA ACCAACAGCTG 102101 CTAAAGTACA GCCAGTAAAA GCCTIGGTAAA ACCAACAGCTG 102101 CTAAAGTACA GCCAGTAAAA GCCTIGGTAAA ACCAACAGCAGAT 102201 AAGGGTTTGC TCAAAACGACA GCTCGTTAAA ACCAAAAGGA AGTGCGTGGTG 102201 AAGGGTTTGC TCAAAACGACA GCCTGGTTAAA ACCAAAAAGGA AGTGCGTGTG 102201 ATTCCTCAGA GAAATTACCA ACTAAGTAAT CAAAGGAAGA AGTCCTTTG GAGGCCAAA 102301 ATTCCTCAGA GAAATTACCA ACTAAGTAAT CAAAGGAAGA AATCGGCCTTGACACA 102301 ATTCCTCAGA GAAATTACCA ACTAGGCTAAT CAAAGGAAGA ACCCTCTACC 102331 AAAAGTACAA CTGCAGACA ACTGGCTACA AAATCTGGGT TTAGCCTTAA 102401 CCCCCAGCAA GGGCAACACA CTGGGCTACA AAATCTGGGT TTAGCCTTAA 102401 CCCCCAGCAA GGGCAAGACC TCTGGCACAA CATAGGCCT TTTGCAGTTCT 102451 GGTTCAGAGT CAGAGGGTGAA TCCTTGGATGT CATCAGTACAA CATCGCCTCGACAA CATCGCCTCGACAA CATCGCCTCTGACCAA CATCGCCTCTGACCAA CATCAGCCT TTTGCAGATCCT 102551 AGCCCTTGGG CTGTCATCAC AGACTGCAGG TCCTCGGAA GAGGTTGCC 102551 AGCCCTTGGG CTGTCATCAC AGACTGCAGG TCCTCTGGAA GAGGTTGCC 102551 ATCCTCTCACAGT TAGAAAGACA CAGGCTCCTG GTCCTTCCC CAGGTTGTCC 102551 ATCCTCTCTCCAGTT TAGAAAGACA CAGGCTCCTG GTCCTTCCC CAGGTTGTCC 102551 ATCCTCTTCTC CTGTGTTTTCA AAATAGAACACA CTGACAACAC AGACGCCCT 102501 ATCCTCTTTC CTGTGTTTCTA AAATAGAACAC CTGACAACAC AGACGACACAC 102501 TACAACACACA CTGACAACAC CTGACAACAC AGACGACACAC 102501 TACACACTCT CTGTGTTTCT CTGTTGTTCT AAACAACACAC CTGACAACAC CAGACACACAC 102501 TACACACACAC TCGACAACAC CTGACAACAC CAGACACACAC 102501 TACACACACAC TCGACAACAC CTGACAACAC CAGACACACAC 102501 TACACACTCT CTGTTTTCT CTGTTTTTCT TCCTTTTCTC CAGTGTTCACACC AGACAACAC CTGACAACAC CTGACAACAC CTGACAACAC CTGACAACAC CTGACACACAC CAGACACACAC CTGACAACAC CTGACACACAC CT	
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102301 ATTICTICAGA GAAATTACCA ACTAGGTACA CAAGGAAGA ACCCITTACC 102351 AAAAGTACAA CTGCAGACAA ACTGGCTACA AAATCTGGCT THAGCCTTAA 102401 CCCCCAGCAA GGGCAAGACC TCTGGAACAT CATCTTCTAG TTCAGATTCT 102451 GGTTCAGAGT CAGAGGTGAA TCCTTGAGTGT CATCAGCACA CCTGGAGTGT 102501 GCTGTGGATT TCTAAAAGAGA AGTAGGCCTT TTTGAGGAA GAGTTGTCC 102551 AGCCCCTGGG CTGTCATCAC AGACTGCAGG TGCTACTGGAG TGGAAGGGTT 102601 CTGGGTTAAA TGGTGGCAGA CAGGCTCCTG GTCCTTCTCC CAGTGTGTCT 102601 CTGCGTTAAA TGGTGGCAGA CAGGCTCCTG GTCCTTCTCC CAGTGTGTCT 102701 GAAGGGAGCT AGGGGAGGGG GATGGGGGG GACAGGTGGA GACAAGAGCA 102701 GAAGGGAGCT CGGTGTTAA AAATCAACACA CTGCAACCA CAGACAACCA 102801 CCATTAAATA AAATGGTAAC AAATTCATCT ACTGTTTTCC AGAATCCGGT 102801 CCCTCAAGTT GGACAAAAGA TTGATCTCT ACTGTTTTCC CAGATCCGGT 102801 CCCTCAAGTT GGACAAAAGA TTGATCTTA ATTTTTCATCT TACCACCTCGGT 102901 CCCTCAAGTT GGACAAAAGA TTGCATTTAA TCTTTTGAAC TAACACTCCG 102901 CCCTCAAGTT GGACAAAAGA TTTGCATTTAA TCTTTTTGAAC TAACACTCCC 102901 CCCTCAAGTT GGACAAAAGA TTTGCATTTAA TCTTTTTGCTCT TACCTGCTTT 103001 CCCCCAGACACC AGCAAGTGAA TACCACAAATT CTTTCATCT TACCTGCCTT 103001 CAGGACACCC GGCAAATTGA ATTTGGAAATT CACACTTCAC AGCACACACA 102901 CCCTCAAGTTT GAACATCAC ACCACACACACACACACACACACACACACAC	
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103601. ACTATTAAAG CATGITACTT GACCTAATTT TATAGCATTT GAGTIGICCC 103651. ATTAAATGAA GCATCTCGTA AATTTCAAGT ATTTTATACT TGGCAATGGT 103701. TAAGAGTTAA AAGGTAGTTG GATTTGTCAC. AGACAATGAG TTAAGGAATC 103751. CTTTCACGTT TTTCCCAACT TTAAAATTAA GGATTCTCAG GGCCTGTGT 103801. AGAGCAGTAA AAATAAGACC. TCGTGTATGT GTATGTGTGT GTGTGTGTGT 103801. AGAGCAGTAA AAATAAGACC. TCGTGTATGT GTATGTGTGT GTGTGTGTGT 103801. CACTTGGGTG AGAGGGTTGG CTGTGTCTGG AGGAGAATTG ATTTGGTGTC TCGTGTAGGT GTGTGTGTGT GTGTGTGTGT GTGTGTGTG	103501 TAAAAGTTTT TGACCATCAA GCAGCAGTTG TCAGTAGGAG TTTATAATAC
103651 ATTAAATIGA GCATCTCGTA AATTTCAAGT ATTITATACT TIGGCAATIGGT 103701 TAAGAGTTAA AAGGTAGTTIG GATTTGTCAC AGACAATGAG TTAAGGAATC 103751 CTTTCACGTT TTTCCCAACT TTAAAATTAA GGATTCTCAG GGCCCTGTGT 103801 AGACCAGTAA AAATAAGACC TCGTGTATTG GTATGTGTGT GTGTGTGTGT 103801 AGACCAGTAA AAATAAGACC TCGTGTATGT GTATGTGTGT GTGTGTGTGT 103901 CACTTGGGTG AGAGGGTTGG CTGTGAGCCT CAGACCAGGA AATTGGTGTTC 103901 CACTTGGGTG AGAGGGTTGG CTGTGAGCCT CAGACCAGGA AATTGGTGTTC GTTATTATTC ACTACAAAGC TTAAGTGGCC AAATATATAC 104051 TGTGAAAATT GGTTTCTTTT AACAAAAGC TTAAGTGGCC AAATATATAC 104051 TGTGAAAATT GGTTTCTTTT AACAAAAGAT CAGATCCCTC CTTCAGCTGT 104101 ACACATTTTT AAATAAAATC ATATAGAACT AAAAAAAAAA	103551 CAAGAATGTG CTGCATATCT TGTCTCATTA AGTTTTAAGT AACATTTAAA
103701 TAAGAGTTAA AAGGTAGTTG GATTTGTCAC AGACAATGAG TTAAGGAATC 103751 CTTTCACGTT TTTCCCAACT TTAAAATTAA GGATTCTCAG GGCCCTGTGT 103801 AGAGCAGTAA AAATAAGACC TCGTGTATGT GTATGTGTGT GTGTGTGTTC 103851 GTGTGTATGT GTGTCTGCCT GTCTGTCTGG AGAGGAATTG ATTGGTGTTC 103901 CACTTGGGTG AGAGGGTTGG CTGTGAGCCT CAGACCAGGA AATGTGTCAT 103951 CTTGCCAAGC ACCTGGCTGA GTGTGCTGGA GTGAGGATTT GAACAGAAAC 104001 TTCCTTTTCT GTTATTATTC ACTACAAAGC TTAAGTGGCC AAATATATAC 104051 TGTGAAAATT GGTTTCTTTT AACAAAAGAT CAGATCCCTC CTTCAGCTGT 104101 ACACATTTTT AAATAAAATC ATATAGAACT AAAAAAAAAT ACTAACACGA 104151 ACGATAGGTG ATGAGCTAAA AAAAATTGCA AGAATTGGCC AGCTTGGTTT 104201 AACAGACTTT ACCAATTTGT GTTGGACCTG AGGTTGGCCA AGCTTGGTTT 104201 AACAGACTTT ACCAATTTGT GTTGGACCTGA AGGTTGGCCA AGCTTGGTTT 104251 AGCTTAAGTT ATTATGGATAA TTTTGTACAAC AGAATTGAGT TGATTTCTCC 104301 GGTATTTTGA AGAGGAAAG TGGTTTTTTA AATTTATTT	103601 ACTATTAAAG CATGTTACTT GACCTAATTT TATAGCATTT GAGTTGTCCC
103751 CTTTCACGTT TTTCCCAACT TTAAAATTAA GGATTCTCAG GGCCCTGTGT 103801 AGAGCAGTAA AAATAAGACC TCGTGTATGT GTATGTGTGT GTGTGTGTT 103851 GTGTGTATGT GTGTCTGCT GTCTGCTTGG AGGAGAATTG ATTGGTGTTC 103901 CACTTGGGTG AGAGGGTTGG CTGTGAGCCT CAGACCAGGA AATGTGTCAT 103951 CTTGCCAAGC ACCTGGCTGA GTGTGCTGGA GTGAGGATTT GAACAGAAAC 104001 TTCCTTTTCT GTTATTATTC ACTACAAAGC TTAAGTGGCC AAATATATAC 104051 TGTGAAAATT GTTTCTTTT AACAAAAGAT CAGATCCCTC CTTCAGCTGT 104101 ACACATTTTT AAATAAAATC ATATAGAACT AAAAAAAAAA	103651 ATTAAATGGA GCATCTCGTA AATTTCAAGT ATTTTATACT TGGCAATGGT
103801 AGAGCAGTAA AAATAAGACC TCGTGTATGT GTATGTGTGT GTGTGTGTT 103851 GTGTGTATGT GTGTCTTCT GTCTGTCTGG AGGAGAATTG ATTGGTGTTC 103901 CACTTGGGTG AGAGGGTTGG CTGTGAGCCT CAGACCAGGA AATGTGTCAT 103951 CTTGCCAAGC ACCTGGCTGA GTGTGCTGGA GTGAGGATTT GAACAGAAAC 104001 TTCCTTTTCT GTTATTATTC ACTACAAAGC TTAAGTGGCC AAATATATAC 104051 TGTGAAAATT GGTTTCTTTT AACAAAAGAT CAGATCCCTC CTTCAGCTGT 104101 ACACATTTTT AAATAAAATC ATATAGAACT AAAAAAAAATC ATAATAGAACT AAAAAAAAAA	
103851 GTGTGTATGT GTGTCTGTCT GTCTGTCTGG AGGAGAATTG ATTGGTGTTC 103901 CACTTGGGTG AGAGGGTTGG CTGTGAGCCT CAGACCAGGA AATGTGTCAT 103951 CTTGCCAAGC ACCTGGCTGA GTGTGCTGGA GTGAGGATTT GAACAGAAAC 104001 TTCCTTTTCT GTTATTATTC ACTACAAAGC TTAAGTGGCC AAATATATAC 104051 TGTGAAAATT GGTTTCTTTT AACAAAAGAT CAGATCCCTC CTTCAGCTGT 104101 ACACATTTTT AAATAAAATC ATATAGAACT AAAAAAAAAT ACTAACACGA 104151 ACGATAGGTG ATGAGCTAAA AAAAATTGCA AAAAAAAATC ATAATATTTT 104201 AACAGACTTT ACCAATTTGT GTTGGACTGA AGGTTGGGCCA AGCTTGGTTT 104251 AGCTTAAGTT ATATGGATTA TTTGTACAAC AGAATTGAGT TGATTTCTGC 104301 GGTATTTTGA AGAGTGAAAG TGGTTTTTTA AATTTTGTACT GTACTTATGT 104351 TATAAAGCAA TATGAGTAAT ATACTTTATG TGTGAGACCT TACGTGCTCT 104401 AAGAAATACT TTTGTTAAAGG ATTTATATTT ATGGTGGAGCT ATCGTTACA 104451 ACATGGGGTC TATACATACT TGTAAAGAAA TTAAGGATAG AGAATGCATC 104501 ACTCAGACCC CAATCTTTCC ATTCATATAG ATTGATTAGT CATCACATAG 104551 TCCATATTTT TCTACTATAT TCAAGTCCCA GTTGACACCT TATGCATCAT 104601 ATTCCTTAGT TCCCAAACAT GTTCCCTTAT TTCTTTTCAT TCCCAAACAT GTTCCCTTAT TTCTTTTCAT TCCCAAACAT GTTCCCTTAT TTCTTTCAT TCCCAAACAT GTTCCCTTAT TTCTTTTCAT TCCCAGACCCA AATTATAGCT TTAAATTTCCTTTCT TAAAACACAT TTAAATTTCTTCTTCTTTCT	
103901 CACTTGGGTG AGAGGGTTGG CTGTGAGCCT CAGACCAGGA AATGTGTCAT 103951 CTTGCCAAGC ACCTGGCTGA GTGTGCTGGA GTGAGGATTT GAACAGAAAC 104001 TTCCTTTTCT GTTATTATTC ACTACAAAGC TTAAGTGGCC AAATATATAC 104051 TGTGAAAATT GGTTTCTTTT AACAAAAGAT CAGATCCCTC CTTCAGCTGT 104101 ACACATTTTT AAATAAAATC ATATAGAACT AAAAAAAAAA	103801 AGAGCAGTAA AAATAAGACC TCGTGTATGT GTATGTGTGT GTGTGTGTGT
103951 CTTGCCAAGC ACCTGGCTGA GTGTGCTGGA GTGAGGATTT GAACAGAAAC 104001 TTCCTTTTCT GTTATTATTC ACTACAAAGC TTAAGTGGCC AAATATATAC 104051 TGTGAAAATT GGTTTCTTTT AACAAAAGAT CAGATCCCTC CTTCAGCTGT 104101 ACACATTTTT AAATAAAATC ATATAGAACT AAAAAAAAAT ACTAACACGA 104151 ACGATAGGTG ATGAGCTAAA AAAAATTGCA AAAAAAATCTC ATAATATTTT 104201 AACAGACTTT ACCAATTTGT GTTGGACCTGA AGGTTGGCCA AGCTTGGTTT 104251 AGCTTAAGGTT ATATGGATTA TTTGTACAAC AGAATTGAGT TGATTTCTGC 104301 GGTATTTGA AGAGTGAAAG TGGTTTTTTTA AAATTTGACTCT TACGTGCTCT 104401 AAGAAATACT TTTGTTAAAGG ATTTATATTT ATGGTGGAGCCT TACGTGCTCT 104401 AAGAAATACT TTTGTTAAAGG ATTTATATTT ATGGTGGAGCT TACGTGCTCT 104501 ACTCAGACCC CAATCTTTCC ATTCATATAG ATTGATTAGT CATCACATAG 104551 TCCATATTTT TCTACTATAT TCAAGTCCCA GTTGACACCT TATGCATCAT 104601 ATTCCTTAGT TCCCAAACAT GTTCCCTTAT TTCTTTCAT GTAACTTTTA 104651 ATTACTCATT TGTCCGAGTC TGAATCCTTAT TTCTTTCAT TCTACTATT TGTCCGAGTC TAAGTTCTTC AAATGTAGCT TTAAGTTTC CTGTTTCTT 104751 TTTCTACTCC CAGAACCCAC AATTATAGCT TTAAGTTTC CTGTTTCTT 104751 TTTCTACTCC CAGAACCCAC AATTATAGCT TTAAGTTTC CTGTTTCTT 104751 TTTCTACTCC CAGAACCCAC AATTATAGCT TTAAGTTTC CTGTTTCTT 104851 CTGATATTTA TCTGCATTGT TTTTCTTTCT GTCAAGGTGT GTTTTTTTTT 104851 CTGATATTTA TGTCCATATAT TGATCCTCT GATGATTCT GTCAAGAAAACTT TTTCTCCAGAAAACCTT TTTCTCCAGAAAACCTT TTTCTCCAGAAAAACCTT TTTCTCCAGAAAACCTT TTTCTCCAGAAAAACCTT TTTCTCCAGAAAAACCTT TTTCTCCAGAAAAACCTT TTTCTCCAGAAAAACCTT TTTCTCCAGAAAAACCTT TTTCTCCAGAAAAACCTT TTTCTCCAGAAAAACCTT TTTCTCCAGAAAAACCTT TTAAAAAAACCTT TTTCTCCAGAAAAACCTT TTTCTCCAGAAAAACCTT TTTCTCCAGAAAAACCTT TTTCTCCAGAAAAAACCTT TTTCTCCAGAAAAAACCTT TTAAAAAAACCTT TTTCTCCAGAAAAACCTT TTTCTCCAGAAAAACCTT TTAAAAAAACCTT TTAAAAAAAACCTT TTAAAAAAACCTT TTAAAAAAAA	103001 CACTOCCTE ACACCCTTCC CTCTCACCCT CACACCACCA AATCCTCAT
104001 TTCCTTTTCT GTTATTATTC ACTACAAAGC TTAAGTGGCC AAATATATAC 104051 TGTGAAAATT GGTTTCTTTT AACAAAAGAT CAGATCCCTC CTTCAGCTGT 104101 ACACATTTTT AAATAAAATC ATATAGAACT AAAAAAAAAT ACTAACACGA 104151 ACGATAGGTG ATGAGCTAAA AAAAAATTGCA AAAAAAATCTC ATAATATTTT 104201 AACAGACTTT ACCAATTTGT GTTGGACTGA AGGTTGGCCA AGCTTGGTTT 104251 AGCTTAAGGTT ATATGGATTA TTTGTACAAC AGATTGAGT TGATTTCTGC 104301 GGTATTTGA AGAGTGAAAG TGGTTTTTTA AAATTTGAGT TGACTTATGT 104351 TATAAAAGCAA TATGAGTAAT ATACTTTATG TGTGAGACCT TACGTGCTCT 104401 AAGAAATACT TTTGTTAAGG ATTTATATTT ATGGTGGAGT ATTCGTTACA 104451 ACATGGGGTC TATACATACT TGTAAAGAAA TTAAGGATAG AGAATGCATC 104501 ACTCAGACCC CAATCTTTCC ATTCATATAG ATTGATTAGT CATCACATAG 104551 TCCATATTTT TCTACTATAT TCAAGTCCCA GTTGACACCT TATGCATCAT 104601 ATTCCTTAGT TCCCAAACAT GTTCCCTTAT TTCTTTTCAT GTAACTTTTA 104651 ATTACTCATT TGTCCGAGTC TGAATCCTTG ATTACATTTC CTGTTTCTT 104751 TTTCTACTCC CAGAACCCAC AATTATAGCT TTAAGTTTTC CTGTTTCTT 104751 TTTCTACTCC CAGAACCCAC AATTATAGCT TTAAGTTTTT TCTCCAGTGA 104801 GTTTTCAGTA TCTGCATTGAT TTGTCTTAGT TCTCCAGTGAAAAAACCTT TTAAGATATTT TTTTTTTTTT	103051 CTTCCCAACC ACCTCCCTGA CTCTCCACCA CTCACCATTT CAACACAAAC
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104101 ACACATTITT AAATAAAATC ATATAGAACT AAAAAAAAAT ACTAACACGA 104151 ACGATAGGIG ATGAGCTAAA AAAAAATTGCA AAAAAAATCTC ATAATATTIT 104201 AACAGACTTT ACCAATTIGT GTTGGACTGA AGGTTGGCCA AGCTTGGTTT 104251 AGCTTAAGTT ATATGGATTA TTTGTACAAC AGAATTGAGT TGATTTCTGC 104301 GGTATTTTGA AGAGTGAAAG TGGTTTTTTA AATTTGTACT GTACTTATGT 104351 TATAAAGCAA TATGAGTAAT ATACTTTATG TGTGAGACCT TACGTGCTCT 104401 AAGAAATACT TTTGTTAAGG ATTTATATTT ATGGTGGAGT ATTCGTTACA 104451 ACATGGGGTC TATACATACT TGTAAAGAAA TTAAGGATAG AGAATGCATC 104501 ACTCAGACCC CAATCTTTCC ATTCATATAG ATTGATTAGT CATCACATAG 104551 TCCATATTTT TCCACAACAT GTTCCCTTAT TTCTACTATAT TCCAAACAT GTTCCCTTAT TTCTTACTTTA 104651 ATTACTATAT TGCCAGACCT CAAATGTAGCT TGAATCCTT TGATACCATT 104701 TTGTTTCCC CAGAACCCAC AAATGTAGCT TTAAGGTTTTT CCTGTTTCTT 104751 TTTCTACTCC CAGAACCCAC AAATGTAGCT TTAAGGTTTTT CCTGTTTCTT 104751 TTTCTACTAT TGCCAGTGT TTTACTCTGG CTCCAGTGT GTTTTTTTT 104851 CTGATATTTA TGTCCATTGT TTTACTCTCT GATGCATTTT TCTCAGAGAAA 104901 TCTTCCAGAA GGACATTTCA GACCATATTG CTTTCTAGAT TAAAAAACTT	
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104251 AGCTTAAGTT ATATGGATTA TTTGTACAAC AGAATTGAGT TGATTTCTGC 104301 GGTATTTGA AGAGTGAAAG TGGTTTTTTA AATTTGTACT GTACTTATGT 104351 TATAAAGCAA TATGAGTAAT ATACTTTATG TGTGAGACCT TACGTGCTCT 104401 AAGAAATACT TTTGTTAAGG ATTTATATTT ATGGTGGAGT ATTCGTTACA 104451 ACATGGGGTC TATACATACT TGTAAAGAAA TTAAGGATAG AGAATGCATC 104501 ACTCAGACCC CAATCTTTCC ATTCATATAG ATTGATTAGT CATCACATAG 104551 TCCATATTT TCTACTATAT TCAAGTCCCA GTTGACACCT TATGCATCAT 104601 ATTCCTTAGT TCCCAAACAT GTTCCCTTAT TTCTTTTCAT TGATACCATT 104701 TTGTTCACAT AAATGTAGCT TTAAGTTTTT CTGTTTCTT 104751 TTTCTACTCC CAGAACCCAC AATTATAGCT TTAAGTTTTT CCTGTTTCTT 104751 TTTCTACTCC CAGAACCCAC AATTATAGCT CTGAAGGTGT GTTTTTTTT 104851 CTGATATTTA TGTCGATGTG TTTACTCTT GATGCATCAT TICAGAGAAAA 104901 TCTTCCAGAA GGACATTTCA GACCATATTG CTTTCTAGAT TAAAAAACCTT	
104301 GGTATTTIGA AGAGTGAAAG TGGTTTTTTA AATTIGTACT GTACITATGT 104351 TATAAAGCAA TATGAGTAAT ATACTTTATG TGTGAGACCT TACGTGCTCT 104401 AAGAAATACT TTIGTTAAGG ATTTATATTT ATGGTGGAGT ATTCGTTACA 104451 ACATGGGGTC TATACATACT TGTAAAGAAA TTAAGGATAG AGAATGCATC 104501 ACTCAGACCC CAATCTTTCC ATTCATATAG ATTGATTAGT CATCACATAG 104551 TCCATATTTT TCTACTATAT TCAAGTCCCA GTTGACACCT TATGCATCAT 104601 ATTCCTTAGT TCCCAAACAT GTTCCCTTAT TTCTTTTCAT TGTCCGAGTC TGAATCCTGA ATTATTACCCT TGATACCATT 104701 TTGTTTCACC ACCCCTCTCC AAATGTAGCT TTAAGTTTTT CCTGTTTCTT 104751 TTTCTACTCC CAGAACCCAC AATTATAGCT CTGAAGGTGT GTTTTTTTT 104851 CTGATATTTA TGTCATTGAT TGTCAGGAGAAA 104901 TCTTCCAGAA GGACATTTCA GACCATATTG CTTTCTAGAT TAAAAAACCTT	104201 AACAGACTTT ACCAATTTGT GTTGGACTGA AGGTTGGCCA AGCTTGGTTT
104351 TATAAAGCAA TATGAGTAAT ATACTITATG TGTGAGACCT TACGTGCTCT 104401 AAGAAATACT TTTIGTTAAGG ATTTATATTT ATGGTGGAGT ATTCGTTACA 104451 ACATGGGGTC TATACATACT TGTAAAGAAA TTAAGGATAG AGAATGCATC 104501 ACTCAGACCC CAATCTTTCC ATTCATATAG ATTGATTAGT CATCACATAG 104551 TCCATATTTT TCTACTATAT TCAAGTCCCA GTTGACACCT TATGCATCAT 104601 ATTCCTTAGT TCCCAAACAT GTTCCCTTAT TTCTTTTCAT TGTCCGAGTC TGAATCCTGA ATATTACCCT TGATACCATT 104701 TTGTTTCACC ACCCCTCTCC AAATGTAGCT TTAAGTTTTT CCTGTTTCTT 104751 TTTCTACTCC CAGAACCCAC AATTATAGCT CTGAAGTATC CTTCCAGTGA 104801 GTTTCAGTA TCTGCATGTG TTTACTCTAG CTCAAGGTGT GTTTTTTTTT 104851 CTGATATTTA TGTCATTAAT TGATCTCTCT GATGAATCTT GTCAGAGAAA 104901 TCTTCCAGAA GGACATTTCA GACCATATTG CTTTCTAGAT TAAAAAACCTT	104251 AGCTTAAGTT ATATGGATTA TTTGTACAAC AGAATTGAGT TGATTTCTGC
104401 AAGAAATACT TTTGTTAAGG ATTTATATTT ATGGTGGAGT ATTCGTTACA 104451 ACATGGGGTC TATACATACT TGTAAAGAAA TTAAGGATAG AGAATGCATC 104501 ACTCAGACCC CAATCTTTCC ATTCATATAG ATTGATTAGT CATCACATAG 104551 TCCATATTTT TCTACTATAT TCAAGTCCCA GTTGACACCT TATGCATCAT 104601 ATTCCTTAGT TCCCAAACAT GTTCCCTTAT TTCTTTTCAT GTAACTTTTA 104651 ATTACTCATT TGTCCGAGTC TGAATCCTGA ATATTACCCT TGATACCATT 104701 TTGTTTCACC CAGAACCCAC AATTATAGCT TTAAGTTTTT CCTGTTTCTT 104751 TTTCTACTCC CAGAACCCAC AATTATAGCT CTGAAGTATC CTTCCAGTGA 104801 GTTTTCAGTA TCTGCATGTG TTTACTCTAG CTCAAGGTGT GTTTTTTTTT 104851 CTGATATTTA TGTCATTAAT TGATCTCTCT GATGAATCTT GTCAGAGAAA 104901 TCTTCCAGAA GGACATTTCA GACCATATTG CTTTCTAGAT TAAAAAACCTT	104301 GGTATTTTGA AGAGTGAAAG TGGTTTTTTA AATTTGTACT GTACTTATGT
104451 ACATGGGGTC TATACATACT TGTAAAGAAA TTAAGGATAG AGAATGCATC 104501 ACTCAGACCC CAATCTTTCC ATTCATATAG ATTGATTAGT CATCACATAG 104551 TCCATATTTT TCTACTATAT TCAAGTCCCA GTTGACACCT TATGCATCAT 104601 ATTCCTTAGT TCCCAAACAT GTTCCCTTAT TTCTTTTCAT GTAACTTTTA 104651 ATTACTCATT TGTCCGAGTC TGAATCCTGA ATATTACCCT TGATACCATT 104701 TTGTTTCACC ACCCCTCTCC AAATGTAGCT TTAAGTTTTT CCTGTTTCTT 104751 TTTCTACTCC CAGAACCCAC AATTATAGCT CTGAAGTATC CTTCCAGTGA 104801 GTTTTCAGTA TCTGCATGTG TTTACTCTAG CTCAAGGTGT GTTTTTTTT 104851 CTGATATTTA TGTCATTAAT TGATCTCTCT GATGAATCTT GTCAGAGAAA 104901 TCTTCCAGAA GGACATTTCA GACCATATTG CTTTCTAGAT TAAAAAACCTT	104351 TATAAAGCAA TATGAGTAAT ATACTTTATG TGTGAGACCT TACGTGCTCT
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104601 ATTOCTTAGT TCCCAAACAT GTTCCCTTAT TTCTTTCAT GTAACTTTTA 104651 ATTACTCATT TGTCCGAGTC TGAATCCTGA ATATTACCCT TGATACCATT 104701 TTGTTTCACC ACCCCTCTCC AAATGTAGCT TTAAGTTTT CCTGTTTCTT 104751 TTTCTACTCC CAGAACCCAC AATTATAGCT CTGAAGTATC CTTCCAGTGA 104801 GTTTTCAGTA TCTGCATGTG TTTACTCTAG CTCAAGGTGT GTTTTTTTT 104851 CTGATATTTA TGTCATTAAT TGATCTCTCT GATGAATCTT GTCAGAGAAA 104901 TCTTCCAGAA GGACATTTCA GACCATATTG CTTTCTAGAT TAAAAAACTT	104551 TOCATATTET TOTACTATAT TOCATATAT TOCATATAT
104651 ATTACTCATT TIGTCCGAGTIC TIGAATCCTGA ATATTACCCT TIGATACCATT 104701 TIGTTTCACC ACCCCTCTCC AMATGTAGCT TITAAGTTTT CCTIGTTTCTT 104751 TITTCTACTCC CAGAACCCAC AMTTATAGCT CTGAAGTATIC CTTCCAGTGA 104801 GTTTTCAGTA TCTGCATGTIG TITTACTCTAG CTCAAGGTGT GTTTTTTTT 104851 CTGATATTTA TIGTCATTAAT TIGATCTCTCT GATGAATCTT GTCAGAGAAA 104901 TCTTCCAGAA GGACATTTCA GACCATATTIG CTTTCTAGAT TAAAAAACTT	
104701 TIGITICACC ACCCCICTOC ANATGTAGCT TTANGTITIT CCTGITTCTT 104751 TITICTACTCC CAGAACCCAC ANTTATAGCT CTGAAGTATC CTTCCAGTGA 104801 GITTICAGTA TCTGCATGTG TITACTCTAG CTCAAGGTGT GITTITTTT 104851 CTGATATTTA TGTCATTAAT TGATCTCTCT GATGAATCTT GTCAGAGAAA 104901 TCTTCCAGAA GGACATTTCA GACCATATTG CTTTCTAGAT TAAAAAACTT	
104751 TTTCTACTCC CAGAACCCAC AATTATAGCT CTGAAGTATC CTTCCAGTGA 104801 GTTTTCAGTA TCTGCATGTG TTTACTCTAG CTCAAGGTGT GTTTTTTTT 104851 CTGATATTTA TGTCATTAAT TGATCTCTCT GATGAATCTT GTCAGAGAAA 104901 TCTTCCAGAA GGACATTTCA GACCATATTG CTTTCTAGAT TAAAAAACTT	
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104851 CTGATATTTA TGTCATTAAT TGATCTCTCT GATGAATCTT GTCAGAGAAA 104901 TCTTCCAGAA GGACATTTCA GACCATATTG CTTTCTAGAT TAAAAAACTT	104801 GTTTCAGTA TCTCCATGTG TTTACTCTAG CTCAAGGTGT GTTTTTTTT
104901 TCTTCCAGAA GGACATTTCA GACCATATTG CTTTCTAGAT TAAAAAACTT	104851 CTGATATITA TGTCATTAAT TGATCTCTCT GATGAATCTT GTCAGAGAAA
	104901 TCTTCCAGAA GGACATTTCA GACCATATTG CTTTCTAGAT TAAAAAACTT
	104951 CAAAGACTTC CAAGAATGTA CAAAGAATTC TCTTGAATTC CITCCTCTGG

## FIGURE 3DD

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105001	TCTTCAGGGC	CCTATGCTAT	GACTTCAACT	TTTCTTTATT.	TCCCTCCCTC
105051	AAATATTTTT	TCTCTTTTCC	TTTTTATACT	TCTTTCCTTC	TGAGCTITCT
105101	GTCACTTTTT	GGCCTGTACC	TAGCCATTTC	CCIGITCTIG	CATTTCCAAA
105151	TCTCATCTAT	CCTTCGAGAG	TIGGCTTTTA	GILGCII	CCAGCTAGAA
105201	GTAGICTITI	CTTCCTGGA	ACTICICANTIC	CCTTTTCAG	THGHATIG
	TACTTAGTAT				
	TATAGITAGT				
	GTGTACGTTT				
TO240T	TIGTICIGGG	GGIATTICIT	AGIIGAGAAA	AAIAAAACCI	1GGGGAIACI
	TTATATGCTA				
	ATATGCTTGG				
	ATAGATGAGA				
105601	ACGTAACTTC	TAMATCTTTC	TAGAAGGTTA	GATTTTACGA	TATGCTCAAT
105651	CATTTAAACA	GTTATTTATA	TGAGACTTAC	AAGCAGAATT	пппппп
105701	TTAGTATTTT	TACAATATGC	AGTTCACATT	TTATGTACTC	CTAATTTACT
105751	TCTTGTTATT	CTTGGAATTT	TTTAAAGGAT	TTTCCTGATT	CTTAAATGGT
105801	TCTATTCTTT	TTTGCAGTTC	TTCTGTTAAT	GATATGTTTT	TTATTTTTT
105851	TTAGTTCTCT	GTTGTCCTG	<b>GCAAAACTTA</b>	TATTTGGAAA	ATGITICIATT
105901	TTTCAGGTAT	CCTGGTCAGA	TATAGGAGGA	CTGGAAAGTA	TCAAACTGAA
105951	<b>GTTGGAACAG</b>	<b>GCTGTGGAAT</b>	<b>GGCCCTTAAA</b>	ACATCCAGAG	TCTTTCATTC
106001	<b>GAATGGGTAT</b>	TCAGCCACCT	<b>AAAGGAGTTC</b>	TTCTCTATGG	GCCACCTGGG
106051	TGCTCTAAAA	CAATGATAGC	<b>AAAGGCTTTG</b>	<b>GCCAATGAGA</b>	GTGGACTGAA
	TTTTCTAGCT				
106151	TTGGCCTCCC	CCAACCCCCA	TTCTCTGACT	CCTACCTTTA	GGAGAACGAA
106201	TAAAGGCATC	TTAAGGAGCA	GTGATTCTTT	TITITITATT	TGATGTTGAT
106251	GGCAATATAA	TATAGGGAGA	TGAGTGATAA	GAAATAAATT	CGTGCATGTA
106301	ATCAGCAAAT	CATGGTAGAC	ATTGGGAAGA	CTGCTTTATT	TAGTTTCTTG
106351	ATTCTGGTAT	TTCTTATATC	CATGTGTAAC	AGAAGCTAAT	СППППП
106401	GIIGIICI	ACATTITIAA	TTATAGACTT	TTGCTTAACC	ACCACTTAAA
106451	GATAAACATG	ACAGTGAATT	CAATATITAC	ATACCTAGAA	TTTTCAAATG
106501	AACAAGACAC	THETTATICET	ACACTAAATT	CTTTAAAAAT	ACTITICCAT
106551	TCAGAAAGTA	TATICITY	GITTATIC	TGAACCACAC	ACACATTITA
106601	TITGITCATT	CCTTCCCCCC	CATTAACTCC	CATACATAAT	CITTCATCAT
100001	ATGIAGLIGE	ACACTTACTT	TACCACCACA	TATTAATTT	ATCTAACATT
100001	AIGIAGIIGI	CACATACTTA	ATCCACACAT	ATAAAACTCT	AAATCCATTT
100/01	ATGATATATC	CAGATACTIA	ATATATACCT	AAATACATTA	ACTATCAATT
T00/2T	CTGTGGACTG	IAICACAAAA	AIAIAIACCI	AMAIAGAIIA	CACCCAATTT
T0990T	CATTTCAGAA	AAGGCACAIG	AICAICIGIT	TIGATATIAC	CAGGGAATTT
T0082T	TTTACATAAC	AGAATGCATT	TICITIAGUS	IGAICTIGGC	CCCCACTACC
106901	CTCCGCCTCC	CAGGIICAIG	CATICICAL	GCCTCAGCCT	CCCGAGIAGC
106951	TGGGACTACA	GGTGCCTGGC	AAATTTTTIG	IATITIAGI	AGAGACAGGI
10/001	TTCACTGTGG	TCTTGATCTC	CTGACCTCAT	GATCCGCCIG	CICGGCIC
10/051	CCAAAGTGCT	GGGATTACAG	GCGTGAGCGA	CIGCGICCG	CCCAGAATGC
107101	ATTTICIGIC	TTAGAACATT	GAAATCATTG	GCAGTTIGAA	AGCACAAAAC
107151	TTCAGAGTAG	TITGTCAACT	TTTGGCTTTA	CITAAGATTT	TTATAGAATG
107201	ATACTTAGGT	GTGATTAAGC	<u>ग्</u> जाजाटा	TTAAGAATCA	GTATCTTCAA
107251	CATATTTTT	ATTTTCTGGA	AGATATTGGA	GAGTAAAGAT	GGGGGAGGAG
107301	ACCATTTACA	<b>GCATGATCAC</b>	TTATGGGGAA	TCACAACTAC	AGTTTTAAAG
107351	GTTTCAGGTT	TATTIGITAT	TTTTTTGAGA	CATGGTCTCA	CTCTGTGGCC
107401	TAGGCTGAAG	TATAGTGGTG	TGATTATAGC	TCACTGTAAC	CTCAAATTCC
107451	TGGGCTCAAG	CTATTCTTCT	GCCTCAGCCT	CCTGAGCAGC	TAGGACTACA
107501	GGTGTGAGCC	<b>ATCACACCAG</b>	CTAACTTTTT	AACATTTTTG	TAGAGACAGG
107551	GTCTCACTGT	GTTGCCCAGG	CTGGTCTCAA	ACTCCTGGCC	TCAAGCAGCC
107601	CTCCCACCTT	ACCCTCCCAA	ACTICCTICCCA		CACCTCCTCC
107651		~~~	AGIOCIOSOA	TTATAGGAGT	GAGCIGCIGC
107701	AACACAGCAA	AGGTTGCGGT	TTTAAGGGTT	GAAGTAATGA	GIGATTTIGT
TO//OT	AACACAGCAA	AGGTTGCGGT	TTTAAGGGTT	GAAGTAATGA	GIGATTTIGT
107751	AACACAGCAA CACTTCCCAG TGGTAATGGG	AGGTTGCGGT GACAACTTGA GATGGCTGTG	TTTAAGGGTT TTTCTCCTTG TTTACTGGCA	GAAGTAATGA GTCCTTGTCC TTTTCTAGTC	GIGATITIGI TITTATCATG TITTTACTCT
107751 107801	AACACAGCAA CACTTCCCAG TGGTAATGGG CATCTCCATT	AGGITGCGGT GACAACTTGA GATGGCTGTG TTTTCTGTTC	TTTAAGGGTT TTTCTCCTTG TTTACTGGCA TTACCTTGTA	GAAGTAATGA GTCCTTGTCC TTTTCTAGTC TATTCTACAA	GIGATTTIGT TITTATCATG TITTTACTCT TIGTATATTC
107751 107801 107851	AACACAGCAA CACTTCCCAG TGGTAATGGG CATCTCCATT ATAGTATTAG	AGGTTGCGGT GACAACTTGA GATGGCTGTG TTTTCTGTTC AATTTTTCTT	TTTAAGGGTT TTTCTCCTTG TTTACTGGCA TTACCTTGTA GTCTACTGGA	GAAGTAATGA GTCCTTGTCC TTTTCTAGTC TATTCTACAA AATCTAAAAT	GTGATTTTGT TTTTTACTCT TTGTATATTC TTATTTAAGA
107751 107801 107851	AACACAGCAA CACTTCCCAG TGGTAATGGG CATCTCCATT ATAGTATTAG	AGGTTGCGGT GACAACTTGA GATGGCTGTG TTTTCTGTTC AATTTTTCTT	TTTAAGGGTT TTTCTCCTTG TTTACTGGCA TTACCTTGTA GTCTACTGGA	GAAGTAATGA GTCCTTGTCC TTTTCTAGTC TATTCTACAA AATCTAAAAT	GTGATTTTGT TTTTTACTCT TTGTATATTC TTATTTAAGA
107751 107801 107851 107901	AACACAGCAA CACTTCCCAG TGGTAATGGG CATCTCCATT ATAGTATTAG ACCTGTGAGC	AGGTTGCGGT GACAACTTGA GATGGCTGTG TTTTCTGTTC AATTTTTCTT GAAGTCCTCA	TTTAAGGGTT TTTCTCCTTG TTTACTGGCA TTACCTTGTA GTCTACTGGA TCAGATAAGT	GAAGTAATGA GTCCTTGTCC TTTTCTAGTC TATTCTACAA AATCTAAAAT TTTCGACTTA	GIGATITIGI TITTATCATG TITTTACTCT TIGTATATTC TTATTTAAGA ACTCTTAAGA
107751 107801 107851 107901 107951	AACACAGCAA CACTTCCCAG TGGTAATGGG CATCTCCATT ATAGTATTAG ACCTGTGAGC GCACACTTAT	AGGITIGOGGIT GACAACTIGA GATIGGCTIGTIG TITTICTITTICTIT GAAGTICCTCA TITTICTTACAA	TTTAAGGGTT TTTCTCCTTG TTTACTGGCA TTACCTTGTA GTCTACTGGA TCAGATAAGT ACTAGTATCT	GAAGTAATGA GTCCTTGTCC TTTTCTAGTC TATTCTACAA AATCTAAAAT TTTCGACTTA TACTTTTTCT	GIGATITIGI TITTATCATG TITTTACTCT TIGTATATTC TTATTTAAGA ACTCTTAAGA GIGATCCAAG
107751 107801 107851 107901 107951 108001	AACACAGCAA CACTTCCCAG TGGTAATGGG CATCTCCATT ATAGTATTAG ACCTGTGAGC GCACACTTAT GTAATAATTT	AGGTTGCGGT GACAACTTGA GATGGCTGTG TTTTCTGTTC AATTTTTCTT GAAGTCCTCA TTTCTTACAA TAGATACTAC	TTTAAGGGTT TTTCTCCTTG TTTACTGGCA TTACCTTGTA GTCTACTGGA TCAGATAAGT ACTAGTATCT TAAGACTGCT	GAAGTAATGA GTCCTTGTCC TTTTCTAGTC TATTCTACAA AATCTAAAAT TTTCGACTTA TACTTTTTCT TTCTGGACTA	GIGATITIGI TITTACICI TIGTATATIC TIGTATATIC TIATTIAAGA ACTICTIAAGA GIGATCCAAG TCCTAGAATT
107751 107801 107851 107901 107951 108001 108051	AACACAGCAA CACTTCCCAG TGGTAATGGG CATCTCCATT ATAGTATTAG ACCTGTGAGC GCACACTTTAG GTAATAATTT ACTTAGAAAT	AGGTTGCGGT GACAACTTGA GATGGCTGTG TTTTCTGTTC AATTTTTCTT GAAGTCCTCA TTTCTTACAA TAGATACTAC ATATTTATTA	TITIAAGGGTT TITICTCCTTG TITIACTGGCA TTACCTTGTA GTCTACTGGA TCAGATAAGT ACTAGTATATCT TAAGACTGCT TCTTTTTTGA	GAAGTAATGA GTCCTTGTCC TTTTCTAGTC TATTCTACAA AATCTAAAAT TTTCGACTTA TTCTGGACTA ACATAAACAT	GIGATITIGI TITTACICI TIGTATATIC TIGTATATIC TIATITIAAGA ACTICTIAAGA GIGATOCAAG TOCTAGAATI TICATAACCT
107751 107801 107851 107901 107951 108001 108051 108101	AACACAGCAA CACTTCCCAG TGGTAATGGG CATCTCCATT ATAGTATTAG ACCTGTGAGC GCACACTTAT GTAATAATTT ACTTAGAAATT TAGACAATTT	AGGITIGOGGI GACAACTIGA GATGGCTGTG TITTCTGTTC AATTTTTCTT GAAGTCCTCA TITCTTACAA TAGATACTAC ATATTTATTA CATTTTTAGT	TITIAAGGGTT TITICTCCTTG TITIACTGGCA TTACCTTGTA GTCTACTGGA TCAGATAAGT ACTAGTATCT TAAGACTGCT TCTTTTTTGA CTTTTTTTCA	GAAGTAATGA GTOCTTGTCC TITTCTAGTC TATTCTACAA AATCTAAAAT TITCGACTTA TACTTTTCT TICTGGACTA ACATAAACAT CTATGAGGAA	GIGATITIGI TITTACICI TIGTATATIC TIGTATATIC TIATITIAGA ACICITIAGA GIGATCCAGA TICTAGAATI TICATAACCI ATIGTAAATG
107751 107801 107851 107901 107951 108001 108051 108101 108151	AACACAGCAA CACTTCCCAG TGGTAATGGG CATCTCCATT ATAGTATTAG ACCTGTGAGC GCACACTTAT GTAATAATATT ACTTAGAAATT TAGACAATTT ATTCTTTGAA	AGGITIGOGGI GACAACTIGA GATGGCTGTG TITTCTGTTC AATTTTTCTT GAAGTCCTCA TITCTTACAA TAGATACTACA ATATTTATTA AGGITTAACT	TITIAAGGITT TITICICCTTG TITIACTGGCA TTACCTTGTA GTCTACTGGA TCAGATAAGT ACTAGTATCT TAAGACTGCT TCTTTTTTGA CTTTTTTTCA TTGTACACTG	GAAGTAATGA GTOCTTGTCC THTTCTAGTC TATTCTACAA AATCTAAAAT THTCGACTTA TACTTTTTCT TTCTGGACTA ACATAAACAT CTATGAGGAA CTATATAAAA	GIGATITIGI TITTACICI TIGTATATIC TIGTATATIC TIATITIAAGA ACTICTIAAGA GIGATCCAAG TCCTAGAATI TICATAACCI ATTGTAAATG TAACCAGGCA
107751 107801 107851 107901 107951 108001 108051 108101 108151 108201	AACACAGCAA CACTTCCCAG TGGTAATGGG CATCTCCATT ATAGTATTAG ACCTGTGAGC GCACACTTAT GTAATAATTT ACTTAGAAATT TAGACAATTT ATTCTTTGAA CACATTCATT	AGGTTGCGGT GACAACTTGA GATGGCTGTG TTTTCTGTTC AATTTTTCTT GAAGTCCTCA TTTCTTACAA TAGATACTAC ATATTTATTA CATTTTTAGT AGGTTTAACT TATTTGAGCT	TITIAAGGITT TITICICCTTG TITIACTGGCA TTACCTTGTA GTCTACTGGA TCAGATAAGT ACTAGTATCT TAAGACTGCT TCTTTTTTGA CTTTTTTTCA TTGTACACTG TTTTCATTAG	GAAGTAATGA GTOCTTGTCC THTTCTAGTC TATTCTACAA AATCTAAAAT THTCGACTTA TACTHTTTCT TTCTGGACTA ACATAAACAT CTATGAGGAA CTATATAAAA ATTTTTAGGT	GIGATITIGI TITTACICI TIGTATATIC TIGTATATIC TIATTIAAGA ACTCTTAAGA GIGATCCAAG TCCTAGAATI TICATAACCI TITCATAACCI ATTGTAAATG TAACCAGGCA CACAGACAGA
107751 107801 107851 107901 107951 108001 108051 108101 108151 108201 108251	AACACAGCAA CACTTCCCAG TGGTAATGGG CATCTCCATT ATAGTATTAG ACCTGTGAGC GCACACTTAT GTAATAATTT ACTTAGAAAT TAGACAATTT ATTCTTTGAA CACATTCATT AAAGCCACAT	AGGITIGOGGI GACAACTIGA GATGGCTIGTIC HITTCIGTTC AATTITICIT GAAGTCCTCA TITCTTACAA TAGATACTAC ATATTITAGI AGGITTAACT TATTITGAGCI GATGTTAACA	TITIAAGGIT TITICICCTIG TITIACTIGGCA TTACCTIGTA GICTACTIGGA TCAGATAAGT ACTAGTATCT TAAGACTIGCT TCTTTTTTGA CTTTTTTTGA TTTTTCATTAG AATTATCTTC	GAAGTAATGA GTOCTTGTCC THTTCTAGTC TATTCTACAA AATCTAAAAT THTCGACTTA TACTTTTTCT TTCTGGACTA ACATAAACAT ACATAAACAT CTATGAGGAA ATTTTTAGGT ATCAATTGAG ATCAATTGAG ATCAATTGAG ATCAATTGAG	GIGATITIGI TITTATCATG TITTATATC TIGTATATTC TIGTATATC TIGTATCAGA ACTCTTAAGA GIGATCCAAG TCCTAGAATT TICATAACCT ATTGTAAATG TAACCAGGCA CACAGACAGA TICATAACTC
107751 107801 107851 107901 107951 108001 108051 108151 108251 108201 108301	AACACAGCAA CACTTCCCAG TGGTAATGGG CATCTCCATT ATAGTATTAG ACCTGTGAGC GCACACTTAT GTAATAATTT ACTTAGAAAT TAGACAATTT ATTCTTTGAA CACACTTCATT AAAGCCACAT AGAGATTATT	AGGITIGOGGI GACAACTIGA GATGGCTIGTIC THITCIGITIC AATTITICIT GAAGTCCTCA THICTTACAA TAGATACTAC ATATITIATIA CATTITIAGI AGGITTAACA TATITIGAGCI GATGTTAACA ACATGICCTA	TITIAAGGIT TITICICCTIG TITICICCTIG TITIACTIGGA TITIACTIGGA TCAGATAAGT ACTAGTATCT TAAGACTGCT TCTTTTTTGA CTTTTTTTTGA TTTTTTTTTT	GAAGTAATGA GTOCTTGTCC THTTCTAGTC TATTCTACAA AATCTAAAAT THTCGACTTA TACTTTTTCT TTCTGGACTA ACATAAACAT CTATGAGGAA CTATATAAAA ATTTTTAGGT ATCAATTGAG TTGATTTAGGT ATCAATTGAG TTGATTTAGGT	GIGATITIGI TITTATCATG TITTATCTCT TIGTATATTC TIGTATATTC TIGTATATCA TIGTATAGA GIGATCCAAG TCCTAGAATT TICATAACTC ATTGTAAACTC ATTGTAACTC CACAGACAGA TICATAACTC GIGGATTTTT
107751 107801 107851 107901 107951 108001 108051 108151 108201 108251 108301 108351	AACACAGCAA CACTITCCCAG TIGGTAATIGGG CATCITCCATT ATAGTATTAG ACCTGTGAGC GCACACTTAT GTAATAATTT ACTTAGAAAT TAGACAATTT ATTICTTTGAA CACATTCATT AAAGCCACAT AGAGATTATT ATTICAGTTTA	AGGITIGOGGI GACAACTIGA GATGGCTGTG TITTCTGTTC AATTTTCTT GAAGTCCTCA TITCTTACAA TAGATACTAC ATATTTATTA CATTTTTAGT AGGITTAACT TATTTGAGCT TATTTGAGCT GATGTTAACA ACATGTCCTA GAATTTAGTG	TITIAAGGIT TITICICCTIG TITICICCTIG TITIACTIGGCA TTACCTIGTA GICTACTGGA TCAGATAAGT ACTAGTATCT TAAGACTGCT TCTTTTTTGA CTTTTTTTTGA TTGTTACACTG AATTATCTTC GTTACTAATT TCGTTCGACA	GAAGTAATGA GTOCTTGTCC THTTCTAGTC TATTCTACAA AATCTAAAAT THTCGACTTA TACTTTTTCT TTCTGGACTA ACATAAACAT CTATGAGGAA CTATATAAAA ATTTTTAGGT ATCAATTGAG TTGATTTAGGT ATCAATTGAG TTGATTTAGT GTATTTAGT GTATTTAGT	GIGATITIGI TITTATCATG TITTATCATG TIGTATATTC TIGTATATTC TIGTATATTC TIGTATATTC TIGTATATC TIGTATC TIGTATATC TIGTATATC TIGTATATC TIGTATATC TIGTATATC TIGTATATC T
107751 107801 107851 107901 107951 108001 108051 108101 108251 108201 108351 108351 108401	AACACAGCAA CACTTCCCAG TGGTAATGGG CATCTCCATT ATAGTATTAG ACCTGTGAGC GCACACTTAT GTAATAATTT ACTTAGAAAT TAGACAATTT ATTCTTTGAA CACACTTCATT AAAGCCACAT AGAGATTATT	AGGTTGCGGT GACAACTTGA GATGGCTGTG TITTCTGTTC AATTTTTCTT GAAGTCCTCA TITCTTACAA TAGATACTAC ATATTTATTA CATTTTTAGT AGGTTTAACT TATTTGAGCT GATGTTAACA ACATGTCCTA ACATGTCCTA GATATACTT	TITIAAGGIT TITICICCTIG TITIACTIGGCA TITIACTIGGCA TITIACTIGGA TICAGATAAGT ACTAGTATCT TAAGACTGCT TICTITITIGA CITTITITICA TIGTACACTIG TITICATTAG AATTATCTTC GITACTAATT TIGGTTCGACA AATGAATGAT	GAAGTAATGA GTCCTTGTCC THTTCTAGTC TATTCTACAA AATCTAAAAT THTCGACTTA TACTTTTTCT TTCTGGACTA ACATAAACAT CTATGAGGAA CTATATAAAA ATTTTAGGT ATCAATTGAG TIGATTTAGT GTATTTAGT GTATTTATCA GGGTTTTTAT	GIGATITIGI TITTATCATG TITTATCATG TIGTATATTC TIGTATATTC TTATTTAAGA ACTCTTAAGA GIGATCCAAG TCCTAGAATT TTCATAACCT ATTGTAAATG TAACCAGGCA CACAGACAGA TTCATAACTC GIGGATTTT ATTTTIGAAT TTTTCAAATT

		TTTGAAATAT			
		TTTGGAATCT			
108601	GTCATGTTGG	<b>AGCTCAAAAC</b>	GTTTTGAATT	TTGGAGCATT	TTGGATTTTT
108651	<b>AGATTTAGGG</b>	<b>ATACTCAACA</b>	<b>TGTACTATTC</b>	GTTCAACTCT	CCTATAGGTT
		TTAAATACAA			
		TCATTGGTCC			
		AAGTAACAAT			
		TGGGAATTCA			
		TOSCCCAGGC			
		CCTCCCAGGT			
		TAACAGGCAA			
		GACAGGGTTT			
		GCAATTTGCC			
		CACTGCACCT			
		TTGGCAACTT			
109251	ATATATTTGT	TTTCTACAAG	CTTTAAGTGT	TAAAAGTTAG	TTTGAAATTT
109301	TGAAATAACA	<b>AATCTTACAC</b>	ATTTTGAAAG	TGATCAGAAA	AAGTAGACAT
109351	<b>ACACTAGAAT</b>	<b>TCTCTAGCCA</b>	<b>GTTAGGAAAC</b>	ACAAGTATTT	TAAACAGATT
109401	GAAAGGAAAA	<b>ACTCCCTATC</b>	<b>ACTITICACA</b>	<b>ATGGTAGTTA</b>	CTACTTTTAA
		<b>ATTTTGATAG</b>			
		<b>GCTTCCTCTA</b>			
109551	ACGTACTGTA	CTCAGGGTGG	AGACTTCAGC	TIGGCTIGIG	TGAGCTCTTA
		GCATATATAT			
		GITTAGTTTG			
		TICCTTICIG			· · · · · · · · · · · · · · · · · · ·
		TTGCCCTGGG			
		TCTGCAAGAA			
100001	GCAMIANT	ATTCTGGTAA	CTTCTCTATA	CTTCTCTCAC	ACACCAATTC
		GGGAAATTTT			
		ATTICATTIC			
		GAGTACAGGT			
		TACAATGGTG			
		TTAATCCTTT			
		CTGGAATGCA			
		TTCAAGCAAT			
110251	TTACAGGCTC	CCAAGTATCT	<b>GGGGTTACAG</b>	GCATCCACGA	CTATGCCCGA
		TATTTTTAGT			
110351	<b>TGGTGTCGGA</b>	CTCCCGACCT	<b>TGTGATCCAC</b>	CCGCCTTGGC	CTCCCAAAGT
110401	<b>GCTGGGATTA</b>	CAGGTATAAG	CCACCACGCC	AGGCCCAAAT	TTTAATCTTT
110451	<b>TACTGAGCTA</b>	<b>GTGATATGCA</b>	<b>GTACAGTACT</b>	CCCTCATGAT	GCCTGGCAGT
		CACAGCTCCT			
110551	GCCAACATTC	TAGAATGTAC	TGTGTTGCCA	CGTCACTTTT	TCCAACTGTA
		AGCATTCTGA			
		AGGTTAGGAG			
		TGAGTTTATC			
		ACTATTIGIC			
		AGATAATCTG			
		TIAATTTTTG			
		AAGATTACAA			
		AGGTCTAAGT			
		CTCAAGAGTC			
		TCATTAATTA			
		GGGTAGGTTT			
		TAATTTTGTT			
		TCTAGGAGTA			
		<b>AAACTGTTCA</b>			
111351	TGGTGGGATA	ATGGGGAGCT	TAAAATTTAC	CIGITAGIAT	ATAATTTGTG
111401	CCCTTGATAT	TGAGTATGTC	ACGATGAAAA	GAACACTAAG	CTGGGATTCA
		ATTTACTTCC			
		CTGTAAGTCT			
111551	<b>TGTACATTAT</b>	AAGCTTTGGG	GAGCATTATG	CTTAAAAAGG	CAAATGAAAA
111601	<b>AGTTTTTGGG</b>	<b>GGGCATAACT</b>	CCCCACTCCT	TGAGTGTGGG	CTTCTTTCCA
		TATCAAAAGA			
		AGCCGTGCCA			
		TGTTGACAGT			
		TTTTTCAGT			
		AGATTGAAAA			
		GCTAACTATG			
111951	ACTIGACTAT	GIGIGCATTT	TOGTATICAC	AGIGGICCTE	GAACCAGTTC

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112001	COGTAGATAA	<b>CTGATAAATG</b>	<b>ACTATATATA</b>	<b>CCCTTGGATA</b>	ATGTGGTGAT
112051	AATAGCACTT	TACTTCTGTT	<b>GTNNNNNNN</b>	NNNNNNNN	NNCCTGAGTG
112101	CTCATAACCC	CTCTCCAACC	ΑΤΓΑΓΑΛΑΛΑ	TTTTACCCAA	ACCCACCITA
112101	CICAIAACC	TOTALAMET	CTCACTACTA	CTCCTCAAAA	CTCTCAACCT
TITITI	AMAGACATIC	TGTAAAATCA	CIGACIAGIA	CICCICAMA	CIGIGAAGGI
		AAGGAAAGTT			
112251	AAGAAAGCAT	GATAGCTAAA	TGTAATGTTA	CAATATCCTG	TGTAGGATGC
		AAAAAAAA			
		<b>GGTCTTTAGT</b>			
TT533T	GAATAACTAT	GGICTIAGI	TIMAIMAIM	IAICIOAIC	1GGGTTCAC
112401	GATTGTAACA	AATATACCAT	GCTAATATGA	GATAGTAATA	ATAAGGGCAA
112451	CAGTGTACAT	GGGTGGGTGG	<b>GCATATGCGA</b>	<b>GCTGTTTGTA</b>	CTATCTGCTC
		TAAATCTTAA			
		<b>GTCAGTATAA</b>			
115331	AMITTIGAG	AACCETAACE	COCACCIOGG	TACTECACTE	AACACCATICC
		AAGGCTAACT			
		GCAAAGAAGA			
112701	GAGGGCTTTG	ATGACCTCTC	CTATTCATAG	TCCCCCTGCC	CATAATGATA
112751	GTGGAAAGTT	<b>ACTGGGAAAA</b>	GCCCTGAGAG	GAACTTGGCT	GGGGAACCTG
112001	CTTTCCCCC	TGCCCTGAAC	TROCTETT	CACTECACTT	CTCACTTGAA
112001	0011100000	TOCCCIONAL	1100010111	CALLOCKETT	CCCCAACACT
TT582T	GCCIAIAAAG	<b>GIGIGITIA</b>	GIICIGGCC	CAMCCCAGA	CCCAACACI
112901	ataaagaact	CTTTCTCTTA	GIGITTIGGI	TATTTTTCT	TTCACCTTGG
112951	GTGCAGCTTC	CAGTTTAGTC	TCACCAGGAA	CTATGTCATT	TCATGCCTTT
		<b>AAGTCTGTAT</b>			
113051	CTCATCTACA	GTCTGAAACC	TITICACTIT	ΓΑΤΙΤΑΑΤΤ	TCCTTTAGAG
דתקדד	1111011111	TTTTAACTTT	ANNAL ICC	TIGACTICAG	CATCALAGIGI
113121	IGIATTATGT	GCCTTATTTG	CITIAAATCGG	CAGITATTAA	CAICAAIAII
113201	AAACAAAGAC	<b>ATATACTTAG</b>	TTTTATCCCT	GTTTGAATGA	CTATTAGGGA
113251	ATAACTAATA	GTAACCTGTT	ATTICTTIGGGA	CAAGTGGAAT	AGITATTGTG
113301	CCATTGTCAG	TTTTACAAGG	ΤΤΑΤΓΑΛΓΑΛ	GTTAGATCAG	ATTTACTTAC
112251	ATTICTCATT	ATTTGTACAG	TATACTATCT	TANACITETE	CCATCATATC
112321	TTARGETAT	ATTATATATA	TAIACIAIGI		TATCACTICA
113401	TIAAGACIAT	AIAIAIGHA	HIIIIIIGA	GIIGGGCIII	TATCAGTTGA
		ATATAAAAA			
113501	ACATITATCT	AAAAGCAGAA	<b>AATGACAATA</b>	AGAACTATAA	CAAAACCTTT
113551	ACCATTTCCA	<b>ATCTAAGAAG</b>	ACCTAGAGAG	ATTTAGAAAA	AGAAGGATAA
113601	TTTATAAGG	AATTITATAA	GAAAAAGGAT	ΛΛΤΤΤΙΛΛΛΩ	TTATAAGAAG
					ATTCATGGAT
					TCAATTCCTT
113751	TTTGAATGAA	ATTTAGAGGT	GAAATAAATA	TTACAATGTC	<b>ATGTCTGTAA</b>
113801	TACTTTTAAA	<b>AATATTTGTA</b>	AAAGTTTTAC	AATTGGAATA	<b>GCAAAAATAA</b>
113851	CACCTICTGT	GTGTCAGGCA	CTGTGCATAG	TAAACAAAGA	TATATTAGAT
					GATATTTGAC
					CICTIGGTIG
TT282T	ICACACIA	ACATGAGA	ACAGI IAACA	GATCIGOAG	CICITOGITO
114001	TIGATIGIAT	GTGAGAAATG	AGAAAGAAAA	GCAGTCAAAG	GTGATAAAAA
114051	TTTTACTGT	CAATGACTGG	CAGATGGAAG	TATCCTAACT	CCAGGGAGAA
114101	AAGGAGAAAC	AGGTTGGAGG	TGAGAGAGAA	AATACCAGTG	TTGAGTTTGA
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114201	TOCATETOTA	CCTCAACACC	ATCATTATE	CCACACATICA	AAATATGGAA
114201	IGGALLIGIA	GCTCAAGAGG	ATTECO	4040404104	ATTICICACA
114251	AIIGAGAIGA	AMAIGIGGAA	ATTGGAAATC	AGIGITIGAG	ATTICTGCAGA
114301	. Caagtcagca	AAGGAGACTG	AGAGTGACAA	AAGTAGTCAT	TAATAGCAGA
114351	AGGGGATTTC	ATGGGCATGT	AAATATGTGT	AAATACACAT	TTTACAACTT
114401	CCCTAATTGT	AGCCAGCATG	GTCCCTGCAA	TGTAAGTTCT	GAAGAAATGT
114451	CICATITITIC	TTTTTCTCA	ΑΤΑΓΑΛΤΓΑΛ	TGAATTTGGG	GAAGGATTGT
11/501	ATTATACTE	TTCACACCA	CACCTICAAT	THETHE	TCCCTGCCAG
114221	. www.criec	ATTICAGG	THIACHIGC	LAWKAII	CTTGCCTAGT
					GAATGGCCTT
114651	CTGTATGTGC	TGATACTGTA	CTTTTATTA	ATTTTCAAGT	TCCTTTACTC
114701	ACATTACATA	TATGTAATTC	TATCTTATGT	GAGTTTGGAT	TTTTATGAGC
114751	ΑΤΑΤΤΙΥΚΑΤΑ	ΔζΑΤΤΤΔΑζζ	ATAGTTAACA	CTTAGGTTAA	CGTGCCTTCC
11/001	CCACACACTT	TACAACTTAT	AAAAACTTCA	TTTCAATTCT	AATAACTAAA
114001	ACCACCACCA	INDVICTIAL	CACATTTAAA	MACCOCTACO	CACCACTCAA
					GAGGACTGAA
114901	. AAAAACCCAG	TAGTGATTAA	ACCCCAAAA	ITGTAAGAAC	ATGAGGIGTA
114951	. AATGTTATAC	TCGAGTTTGT	GACTGATATG	ATGTAAAATA	ATGAAGCACA
115001	GTAAAAAGAT	AAGTCAGGTT	TACTTCTCAC	TAGATTAATA	GAACAGCTGG
					TGTAAACTTG
115101	CATACTTCAA	ATATTICCC*	TOCAMOTO	AAAATAATCC	TATTAAAAAT
110101	. WHACHGAA	AIAIIGGUA	ALIDIAMORI	THE	TOT INVOVAL
آذآذا	. AALICAATTA	AIGGIACITA	TIAATGGCAG	ITTICLICA	TCATTCTTAT
					AGACTAACAT
	4.54	ΔΛΩΤΔΛΩΔΤΔ			CTGAGACTAT
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			GTAGTTAGAT	ATAAATGGTC	TCTTGTTAT
115301	ACTATATATA	CCTAAACTCT	GTAGTTAGAT	ATAAATGGTC	CTACTATCT
115301 115351	ACTATATATA  AACGGGTACT	CCTAAACTCT	TTATTTCAA	ATTAGCCTAT	<b>GCTACTATCT</b>
115301 115351 115401	ACTATATATA AACGGGTACT ATTAAGAAAG	CCTAAACTCT AATAAAATTC AATTATACTT	CACCTTTGCC	ATTAGCCTAT ACTCGATCTG	GCTACTATCT CTCACCAGAA
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119001 ACCACGCCCA GCTAATITIT TITTTTTTT TTTTTTTGTA TTTTTAGTAC
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122501	CTGAGGATGT	CATGITITIT	TTIGICAATC	ппп	CTATGCTTAC
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122701	TOTALIGITA	AGGTCAATAA	CTGCATAGTG	TTTTCTGAA	ΔΔΤΙΤΙΙΙΚΑΑ
122801	AATATTTACG	ATACCTGTTT	TTAAGATCTT	GITTGCCAAT	TITATCACTT
122851	CTITIATTIC	TATATCTATT	TGTATTGAAC	TITITICIC	CAATGTTTTT
122901	ATATTIGGAT	CAAGTTTTTG	TITATTICIT	TAAGATCTCT	AAACTTTACA
122951	GAAAATTTGC	<b>AAGAACAGTC</b>	<b>ACAAACATTT</b>	TTTTCTTCAA	CCATTTGAAT
123001	TTAGTTGCTG	CCATATGCCC	CATCACAGCT	GAATACTTCA	GTGCGTATTT
123051	CTACAAAAAG	CAAATTCTCT	TACATAACCA	CAGTGTAACC	ATAAAATTAG
123101	AAATGAGCAT	TATTATTGTC	ACTCAAGTTT	TGTCAGGGGT	CCCAATAATT
123151	TCCTTTATGA	CAMATAAGT	TAGTCCAGAA	TCATGIGITG	CATTIALLIG
12320T	TCACATCCGI	GAAGATTTCT GATTCTTCAG	TECTACAC	NUNNINUNN	
122201	TACTICACT	TGACATITIT	CTAGATTCCA	COCTACTTAT	TICTICANCANA
123301	CATCTCTAAA	TIGAGATTIG	CATGACATTC	CCTCATGATT	AGAGTTAGGT
123401	TATTCTTAGA	AAGGATGCTG	CATTCTTCTC	ATTGCATTCT	ATCAGGTGAT
123451	ACTIGATITE	<b>AACTIGICGT</b>	ATTICTAGIG	ATGTTAACTT	TGATTATGGT
123501	<b>GGTGTCAGCC</b>	AGGCTTCTTC	<b>ATTGTAAAAT</b>	TACTCTTTTT	CCTGTTAAGT
123551	<b>TAATATTTTG</b>	TGGGAAGTTA	TTTTGGGACT	<b>ATATAAATAT</b>	CCTGTTTTGG
123601	CCGGGGGAGG	TGGTTCATGC	CTGTAATCCC	AGCACTTTGC	GGGGCTGAGA
123651	TGGGTGGGTG	ACCTGAGGTC	AGGAGTTTGA	GACCAGCCTG	GCCAACATAG
123/01	TGGAACCCCG	TCTCTACTAA	AAATACAAAA	ATTAGCCAGG	ACCATCACIT
123751	CAACCTCCCA	ATCCCAGCTA AGCAGAGGTT	CTACTCACTG	CAGATOGCAC	CACTECCCTC
123851	CACCOTTCCCT	GATAGAGTGA	GACTICATICT	CAAAAAAAAA	AAAGAAAGAA
123901	ΔΩΔΑΔΑΔΩΔΑ	ATAAATACCC	TATTICTTAA	GAGATTTTTA	AATTTATTTC
123951	GTTTTATGG	GATCATAAAT	TCCTTTCTAT	TCAGTGGTTT	ATGATTTCTC
124001	<b>AGTATCACTA</b>	TTTGTATTGA	TGTCTCAGTT	GCACCAGTTT	GGCTAGCAGG
124051	CCCTCTTTTA	AGCTGTCTTT	TGTGTGCTCT	TGGCATTAAT	TAATCGCAGA
124101	TGGAAAGTCA	GTTGTAACTC	TGTGCAGCTT	TGACATTTTA	CATAGCTGAG
124151	TTAATAAAGT	GCTTAGAACA	GTTCATGGCA	CATAGTCAAG	GTTCAATATA
124201	TGITAGTACT	TATGATTGCA	ATTATACATT	ATTIMITIA	AICAITIIGG
124251	AGIACAGIAI	TTTTAATGAG TTGTACATAT	CIACGIATTI	CATCTCATAT	TTTGATGTGT
124301	ATACAATATG	TACTGATCAA	ATTECEATAA	TTGGAGTCTT	CATCACCTCA
124401	AACATTGAAC	TITICTIGG	TTCGGGAACA	TTACAATTCT	CCTCTTTAG
124451	TTATCTTGAA	ATATGCAGTA	AATIGIIGII	AACTATGATG	TCTCTACTGT
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124601	GTAACCACCA	TTCTACGCTT	TACCACCATG	AGATCCACAT	TTTTAGCTTG
124651	CACATATGAG	TGAGAACATA	AAGTATTIGI	CTTTICIGIG	CCTAGCTTAT
124/01	TGCACTTAAC	ATAATGACCT	CICATITIAL	ATTICATION	GCAGATGACA
124/01	ACTECATACE	CTGGCTGTTG	TAAATAGTGC	TACAATAGAC	ACTTAGGTTG
124001	ACATATOTO	TIGGETGITG	GCTTCCTT	CTTTTGGTAG	TAAACCCAGT
124901	AGTGGAATTG	CTAGATCATA	TGGTAGTTCT	GITTIAGIT	TTTTGAGGAA
124951	CCTCCCCACT	GCTTTCCGTA	<b>AATGGCTATA</b>	CTAATTTACA	TTCCCATCGA
125001	CAGTGTACAC	ATGATTTCCT	TTCTCTGCAT	CTTCTCCAGC	ATTTCTTATT
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172701	IAIAITIGCI	ACIGAGIIGI	TICANICLI	THIGHTALL	TCTGTAGATT
1323U1	CTCTCTTCAC	TITTTAATT	CITICITA	CTCTCCAGAC	ACTIGITIGAGG
125351	TAATTIGICT	TITITIC	CTTIGITACC	TGTACTTTTG	AGGTCTTGCC
125401	CAGACCACTG	TIGTATAGCA	TITCCTCAGT	GATTTCCCCCA	AGTTTICTIC
125451	TAGTAGTTTC	ATAGATTCAG	GICHAIGH	TAAGTGCTTT	ППППППППППППППППППППППППППППППППППППППП
125501	CCTTTTGAGA	CAGGGTCTCA	CTCTGTCACC	CAGGCTGGAG	TGCAGTGGTG
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125651	TTTTTAAA	TTATTATTAT	IGIAGAGGTG	CCACCTTGAT	ATGTTGCGCA
125751	GCTCCAACT	CACCACTICA	TCATICTOCT	ACCCACATTT	AAGCCTTTAA
125801	ANTENDUCE .	OPPOINTED A	्रामसंख्य <u>े</u>	AAAAATT	ATTTAGTTTC
125851	ATCCTTCTCC	ATATGGATAT	TTACTITITIC	CAGTATCATT	TATTAGAGAC
125901	TGTTCTTTCC	CCAGTGTGTG	TTCTTGATGC	CCTTGTCGAA	AATGAGTTGA
125951	CTGTAATGAA	TGTGGATTTA	TITCIGGGIT	כוכוכודוום	TTTCATTGGT

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127301	TCAATCTTCT	TETTATICT	TITCIGITIE	TITCATGGTT	AAGICTIGGT
	AAGTIGIGIC				
	GAGTATAGTT				
	<b>ATCAGTTGTA</b>		-		
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	GAAGTCTTCA				
	TCACTGGTTT				
	TGGGCATTCA				
	GTICHIGHA				
127951	GATGCTTGAT	<b>ATGATTTTGA</b>	CTGTTTTGAA	TTTGTTGAGA	TITATTTIGE
128001	<b>GGTTAATGTA</b>	TGGTCTATCC	TGGATAATGT	GCCATGTGCT	GATAACAAGA
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	GGTCCACTTG				
	CCTGAACTGT				
	TITATIGCAG				
	TATCTTCTTG				
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	<b>ATAGCTACTC</b>				
128451	CCATTCCTTC	ACTGTTAGTC	TATATGTGCT	GTTAGAGGTG	AAGAGAGTTT
128501	CTTCTAGGCA	GCATATAGTT	GGCTTTT	ппппп	GAGATGGAGT
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	GCTCACTGCA TTTCTGAGTA				
	TTTTTAGTA				
	TOCTGACCTA				
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	TAGAGAATTT				
	TTACTTTGAC				
	ттоттс				
120051	CTCTGGTAGC	ATGITTTAAT	IGITCHIT	ПАПТПТАС	IGIATATATA
	ATAGTTTTTA ATTATTTCAA				
	ATGAAAAGAA				
	ATTITIGATT				
	ACTIGIAATT				
129301	<b>AGTGATTTAA</b>	GAACCATGAT	TATCATATTA	GTTNNNNNNN	NNNNNNNNN
	NNNAACAATA				
129401	AGCCTTTTTT	ATAGGACAGG	TCTAGTAATA	AATTTCCTCA	GCTTTTTTT
129451	1111111111	TTTGGCCTGG	GAAAGTCTTT	AICTGGCCTT	TATTTCTGAA

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131551 TAGGGACGGA TITTGGAAAGC TITGTCTTGTT GGCTCAGAGT GGCATGCATC 131601 TCCCAGCAGG TCTCAGCACA GATAGGATAG TTCCTCTACT GCACTGGGCG 131651 GGGCTTAGAC TGGGTCTCCT CAGGATATGT TGTGGGATAG AGGCTGGTGA 131701 GCATGTCGGG GAGGATCAGA GTCCCAGGCC ATGAGATTTG TGTGAATCTC 131751 CCCCTGGTTT CTTGTGTAAG CAACTATAAG CTGGGACCTC AGCTAGGGAG 131801 GCCTGGAGCA GTGTCACAGT TCAACTTCCA GGTTCACTAC TGCATGATT1 131901 CTCTGAACCC TTTGGCAGAT GATTTTGGT GCAGGCTCAA GGTCAATGG 131951 GGCTATAGTC AAGCCCCTTG AGAGACAGGG CTACTTCTGG GCTTGAATGC 132001 AAAAGCAAGC TCAGTGGAGC AGATCAGTCA CTTGGGTGTT AGTGTACCCT 132051 CTCAAAGTGA CCCTCCTGTG TCTTAGGGTT TCACAATTGT GGATGGATGG 132101 ATAATTCTTT TTATTGTGGG CATATATGAG CAGGTTACCT TCTATTTCGC 132201 ACAGAATATA TTGAGCATCC TTTTTTTTTTT TATGAATTAA GTCATTATCG 132251 TGAACATCAA AAATAGTAAT GTTACTTTGG GAGGCCGAGG CAGGCAGATG 132301 ACGAGGTCAG GAGATTGAGA CCATCCTGGC TAACACAGTG AAACCCTGTC 132351 TCTACTAAAA GTACAAAAAA TTAGCCGGGT GTGGTGGAGG GAGCCCGAGG 132401 TCCCAGCTAC TTGGAAGGCT GAGGCAGGAG AATGGTGGA ACCCCTGTGA 132501 CAGTGCAAGA CTTCATCTCA AAAAAAAAA TTAGCCGGGTG AACCCCTGTC 13251 TCTACTAAAA GTACAAAAAA TTAGCCGGAGA AATGGTGGA ACCCAGGAGG 132401 TCCCAGCTAC TTGGAAGGCT GAGGCAGGAG AATGGTGGA ACCCAGGAGG 132401 TCCCAGCTAC TTGGAAGGCT GAGGCAGAAAAA TTAGCCGGGAGA AATGGTGGAA ACCCAGGAGG 132501 CAGTGCAAGA CTTCATCTCA AAAAAAAAAT TTAGTAATGTT AAGTCAAATT 132551 TGAATTATTC TACACCCCCAC TCTCATCTTC ACATTTTTGCT ATCCACAACA 132601 CATTAATTTT ATATTTTTAA TTGTTTTTGT GGCTATCTTC TCATTTTCCNN
131551 TAGGGACGGA TITTGGAAAGC TITGTCTTGTT GGCTCAGAGT GGCATGCATC 131601 TCCCAGCAGG TCTCAGCACA GATAGGATAG TTCCTCTACT GCACTGGGCG 131651 GGGCTTAGAC TGGGTCTCCT CAGGATATGT TGTGGGATAG AGGCTGGTGA 131701 GCATGTCGGG GAGGATCAGA GTCCCAGGCC ATGAGATTTG TGTGAATCTC 131751 CCCCTGGTTT CTTGTGTAAG CAACTATAAG CTGGGACCTC AGCTAGGGAG 131801 GCCTGGAGCA GTGTCACAGT TCAACTTCCA GGTTCACTAC TGAGACCAGT 131851 TATCAGTGGG CTGATGAGCT TTTCTGCCAA GGCATTAGTG TGCATGATTT 131901 CTCTGAACCC TTTGGCAGAT GATTTTGGTT GCAGGCTCAA GGTCAAATGG 131951 GGCTATAGTC AAGCCCCTTG AGAGACAGGG CTACTTCTGG GCTTGAATGC 132001 AAAAGCAAGC TCAGTGGAGC AGATCAGTCA CTTGGGTGTT AGTGTACCCT 132051 CTCAAAGTGA CCCTCCTGTG TCTTAGGGTT TCACAATTGT GGATGGATGG 132101 ATAATTCTTT TTATTGTGGG CATATATGAG CAGGTTACCT TCTATTTCGC 132201 ACAGAATATA TTGAGCATCC TTTTTTTTTTT TATTGAGAGA CAACTACA TACTTAAGAG AAATTGCTAC 132201 ACAGAATATA TTGAGCATCC TTTTTTTTTTT TATTGAGATTCA TACTTTAAGAG AAATTGCTAC 132301 ACGAGGTCAG GAGATTGAGA CCCATCCTGC TAACACAGTG AAACCCCTGTC 132351 TCTACTAAAA AAATAGTAAT GTTACTTTGG GAGGCCGAGG CAGGCAGATG 132301 ACGAGGTCAG GAGATTGAGA CCCATCCTGCC TAACACAGTG AAACCCCTGTC 132351 TCTACTAAAA GTACAAAAAA TTAGCCGGGT GTGGTGGCGG GAGGCAGAGG CAGGCAGATG 132401 TCCCAGCTAC TTGGAAGGCT GAGGCAGGAG AATGGTGGAG ACCCCTGTC TTGGAAGGCT AGTGAGCCCA CTTCATCTCC AGTGCAACA TTGGAAGAC CTTCATCTCA AAAAAAAAAA
131551 TAGGGACGGA TITTGGAAAGC TITGTCTTGTT GGCTCAGAGT GGCATGCATC 131601 TCCCAGCAGG TCTCAGCACA GATAGGATAG TTCCTCTACT GCACTGGGCG 131651 GGGCTTAGAC TGGGTCTCCT CAGGATATGT TGTGGGATAG AGGCTGGTGA 131701 GCATGTCGGG GAGGATCAGA GTCCCAGGCC ATGAGATTTG TGTGAATCTC 131751 CCCCTGGTTT CTTGTGTAAG CAACTATAAG CTGGGACCTC AGCTAGGGAG 131801 GCCTGGAGCA GTGTCACAGT TCAACTTCCA GGTTCACTAC TGAGACCAGT 131851 TATCAGTGGG CTGATGAGCT TTTCTGCCAA GGCATTAGTG TGCATGATTT 131901 CTCTGAACCC TTTGGCAGAT GATTTTGGTT GCAGGCTCAA GGTCAAATGG 131951 GGCTATAGTC AAGCCCCTTG AGAGACAGGG CTACTTCTGG GCTTGAATGC 132001 AAAAGCAAGC TCAGTGGAGC AGATCAGTCA CTTGGGTGTT AGTGTACCCT 132051 CTCAAAGTGA CCCTCCTTGTG TCTTAGGGTT TCACAATTGT GGATGGATGG 132101 ATAATTCTTT TTATTGTGGG CATATATGAG CAGGTTACCT TCTACTTTCGC 132201 ACAGAATATA TTGAGCATCC TTTTTTTTTTT TATTGAGATTCA AAAATAGTAAT GTTACTTTTGG GAGGCCGAGG CAGGCAGATG 132301 ACGAGGTCAG GAGATTGAGA CCCTCCTTGTG TCTTATTGG GAGGCCGAGG CAGGCAGATG 132301 ACGAGGTCAG GAGATTGAGA CCATCCTTGG GAGGCCGAGG CAGGCAGATG 132301 ACGAGGTCAG GAGATTGAGA CCATCCTTGGC TAACACAGTG AAACCCCTGTC 132351 TCTACTAAAAA GTACAAAAAAA TTAGCCGGGT GTGGTGGCGG GCACCTGTAG 132401 TCCCAGCTAC TTGGAAGGCT GAGGCAGGAG AATGGTTGA ACCCAGGAGG 132401 TCCCAGCTAC TTGGAAGGCT GAGGCAGGAG AATGGTTGA ACCCAGGAGG 132401 TCCCAGCTAC TTGGAAGGCT GAGGCAGGAG AATGGTTGA ACCCAGGAGG 132501 CAGTGCAAGA CTTCATCTCA AAAAAAAAAA TTAGTAATTGT AAGTCAAATT 132551 TGAATTATTC TACACCCCCAC TCCTCTTTC ACATTTTTGCT ACCATTTTTTTT AAGTCAACAC TTCCACAACA 132601 CATTAATTTT AAGTCAATT TTATTTTTAA TTTTTTTAATTTTTTTTTT
131551 TAGGGACGGA TITTGGAAAGC TITGTCTTGTT GGCTCAGAGT GGCATGCATC 131601 TCCCAGCAGG TCTCAGCACA GATAGGATAG TTCCTCTACT GCACTGGGCG 131651 GGGCTTAGAC TGGGTCTCCT CAGGATATGT TGTGGGATAG AGGCTGGTGA 131701 GCATGTCGGG GAGGATCAGA GTCCCAGGCC ATGAGATTTG TGTGAATCTC 131751 CCCCTGGATT CTTGTGTAAG CAACTATAAG CTGGGACCTC AGCTAGGGAG 131801 GCCTGGAGCA GTGTCACAGT TCAACTTCCA GGTTCACTAC TGAGACCAGT 131851 TATCAGTGGG CTGATGAGCT TTTCTGCCAA GGCATTAGTG TGCATGATTT 131901 CTCTGAACCC TTTGGCAGAT GATTTTGGTT GCAGGCTCAA GGTTCACTAC TGCATGATTC 132051 GGCTATAGTC AAGCCCCTTG AGAGCAGGG CTACTTCTGG GCTTGAATGC 132001 AAAAGCAAGC TCAGTGGAGC AGATCAGTCA CTTGGGTGTT AGTGTACCCT 132051 CTCAAAGTGA CCCCTCCTTGTG TCTTAGGGTT TCACAATTGT GGATGGATGG 132101 ATAATTCTTT TTATTGTGGG CATATATGAG CAGGTTACCT TCTATTTCGC 132201 ACAGAATATA TTGAGCATCC TTTTTTTTTTT TATTGAGATTAA GTCATTATCG 132201 ACAGAATATA TTGAGCATCC TTTTTTTTTTT TATTGAACTACA TACTTAAGAG AAATTGCTAC 132301 ACGAGGTCAG GAGATTGAGA CCATCCTTGGC TAACACAGTG AAACCCTTGC 132351 TCTACTAAAA GTACAAAAAAA TTAGCCCGGGT GTGGTGGCGG GCACCTTGTG 132301 ACGAGGTCAG GAGATTGAGA CCATCCTTGGC TAACACAGTG AAACCCTTGC 132351 TCTACTAAAA GTACAAAAAAA TTAGCCCGGGT GTGGTGGCGG GCACCTTGTG 132401 TCCCAGCTAC TTTGGAAGGCT GAGGCAGGAG AATGGTGTGA ACCCAGGAGG 132401 TCCCAGCTAC TTTGGAAGGCT GAGGCAGGAG AATGGTGTGA ACCCAGGAGG 132451 CGGAGCTTGC AGTGAGCCCA GAGGCAGGAG AATGGTGTGA ACCCAGGAGG 132451 CGGAGCTTGC AGTGAGCCCA GAGGCAGGAG AATGGTGTGA ACCCAGGAGG 132451 CGGAGCTTGC AGTGAGCCCA CTTCATCTCA AAAAAAAAAA
131551 TAGGGACGGA TTTGGAAAGC TTGTCTTGTT GGCTCAGAGT GGCATGCATC 131601 TCCCAGCAGG TCTCAGCACA GATAGGATAG TTCCTCTACT GCACTGGGCG 131651 GGGCTTAGAC TGGGTCTCCT CAGGATATGT TGTGGGATAG AGGCTGGTGA 131701 GCATGTCGGG GAGGATCAGA GTCCCCAGGCC ATGAGATTTG TGTGAATCTC 131751 CCCCTGGTTT CTTGTGTAAG CAACTATAAG CTGGGACCTC AGCTAGGGAG 131801 GCCTGGAGCA GTGTCACAGT TCAACTTCCA GGTTCACTAC TGAGACCAGT 131851 TATCAGTGGG CTGATGAGCT TTTTCTGCCAA GGCCATTAGTG TGCATGATTT 131901 CTCTGAACCC TTTGGCAGAT GATTTTGGTT GCAGGCTCAA GGTCAAATGG 131951 GGCTATAGTC AAGCCCCTTG AGAGACAGGG CTACTTCTGG GCTTGAATGC 132001 AAAAGCAAGC TCAGTGGAGC AGATCAGTCA CTTGGGTGTT AGTGTACCCT 132051 CTCAAAGTGA CCCTCCTGTG TCTTAGGGTT TCACAATTGT GGATGGATGG 132101 ATAATTCTTT TTATTGTGGG CATATATGAG CAGGTTAACT TCTATTTCGC 132251 CACACATCAA AAATAGTAAT GTTACTTTTG GAGGCCGAGG CAGGCTGAA 132251 TGAACATCAA AAATAGTAAT GTTACTTTTG GAGGCCGAGG CAGGCAGATG 132351 TCTACTAAAA GTACAAAAAA TTAGCCGGGT GTGGTGGCG GCACCTGTAG 132401 TCCCAGCTAC TTGGAAGGCT GAGGCAGAG AATTGGTG AACCCAGGAGG 132401 TCCCAGCTAC TTGGAAGGCT GAGGCAGAG AATTGGTGCAAATTT 132551 TGAATTATTC TACACCCCAC TCTCATCTTC ACATTTTGCT ACCCCACCACACA 132601 CATTAATTTT TACACCCCAC TCTCATCTTC ACATTTTGCT ACCCTTCCT TCTTTCCTATTTCATTAAATTTTTTTT
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131551 TAGGGACGA TTTTGAAAGC TTGTCTTGTT GGCTCAGAGT GGCATGCATC 131601 TCCCAGCAGG TCTCAGCACA GATAGGATAG TTCCTCTACT GCACTGGGCG 131651 GGGCTTAGAC TGGGTCTCCT CAGGATATGT TGTGGGATAG AGGCTGGTGA 131701 GCATGTCGGG GAGGATCAGA GTCCCAGGCC ATGAGATTTG TGTGAATCTC 131751 CCCCTGGTTT CTTGTGTAAG CCACCTATAAG CTGGGACCTC AGCTAGGGAG 131801 GCCTGGAGCA GTGTCACAGT TCAACTTCCA GGTTCACTAC TGAGACCAGT 131851 TATCAGTGGG CTGATGAGCT TTTCTGCCAA GGCATTAGTG TGCATGATTT 131901 CTCTGAACCC TTTGGCAGAT GATTTTGGTT GCAGGCTCAA GGTCAAATGG 131951 GGCTATAGTC AAGCCCCTTG AGAGACAGGG CTACTTCTGG GCTTGAATGC 132001 AAAAGCAAGC TCAGTGGAGC AGATCAGTCA CTTGGGTGTT AGTGTACCCT 132051 CTCAAAGTGA CCCTCCTGTG TCTTAGGGTT TCACAATTGT GGATGATGC 132101 ATAATTCTTT TTATTTGTGG CATGATAGAG CAGGTTACCT TCTATTTCGC 132101 ACAGAATATA TTGAGCACCC TTTTTTTTTTTT TATGGAGTGA CAACTACAA TACTTAAGAG AAATTACCTAC 132201 ACAGAATATA TTGAGCATCC TTTTTTTTTTTT TATGAGATGA CAACTACAA TACTTAAGAG AAATTACCTAC 132251 TGAACATCAA AAATAGTAAT GGTACACACAGTG AAACCCCTGTC 132351 TCTACTAAAAA GTACAAAAAA TTAGCCCGGT GAGGCCGAGG CAGGCAGATG 132301 ACGAGGTCAG GAGATTGAGA CCATCCTGGC TAACACAGTG AAACCCTGTC 132351 TCTACTAAAAA GTACAAAAAA TTAGCCCGGT GTGGTGGCGG GCACCTGTAG 132401 TCCCAGCTAC TTGGAAGGCT GAGGCAGGAG AATTGTT AAGTCACAACA 132551 TGAATTATTT TACACCCCCAC TCTCATCTTC ACATTTTTT ACGACTTCA TTGAACTACT TTGAACACACACA 132601 CATTAATTTT ATATTTTTAA TTGTTTTTTTTTTTTTT
131551 TAGGGACGGA TTTGGAAAGC TTGTCTTGTT GGCTCAGAGT GGCATGCATC 131601 TCCCAGCAGG TCTCAGCACA GATAGGATAG TTCCTCTACT GCACTGGGCG 131651 GGGCTTAGAC TGGGTCTCCT CAGGATATGT TGTGGGATAG AGGCTGGTGA 131701 GCATGTCGGG GAGGATCAGA GTCCCCAGGCC ATGAGATTTG TGTGGATTCT 131751 CCCCTGGTTT CTTGTGTAAG CAACTATAAG CTGGGACCTC AGCTAGGGAG 131801 GCCTGGAGCA GTGTCACAGT TCAACTTCCA GGTTCACTAC TGAGACCAGT 131851 TATCAGTGGG CTGATGAGCT TTTCTGCCAA GGCATTAGTG TGCATGATTT 131901 CTCTGAACCC TTTTGGCAGAT GATTTTGGTT GCAGGCTCAA GGTCAAATTG 131951 GGCTATAGTC AAGCCCCTTG AGAGACAGGG CTACTTCTGG GCTTGAATGC 132001 AAAAGCAAGC TCAGTGGAGC AGATCAGTCA CTTGGGTGTT AGTGTACCCT 132051 CTCAAAGTGA CCCCTCCTGTG TCTTAGGGTT TCACACTTGT GGATGGATGC 132101 ATAATTCTTT TTATTGTGGG CATATATGAG CAGGTTACCT TCTATTTCGC 132151 CATCTTGGTG GTGTCACTCT ATGAACTACA TACTTAAGAG AAATTGCTAC 132201 ACAGAATATA TTGAGCATCC TTTTTTTTTTT TATGAATTAA GTCATTATCG 132251 TGAACATCAA AAATAGTAAT GTTACTTTGG GAGGCCGAGG CAGGCAGATG 132301 ACGAGGTCAG GAGATTGAGA CCATCCTGGC TAACACAGTG AAACCCTGTC 132351 TCTACTAAAA GTACAAAAAA TTAGCCGGGT GAGGGCGAGG CAGGCAGATG 132401 TCCCAGCTAC TTGGAAGGCT GAGGCCGAG GATGGGATGCA ACCCCAGGAGG 132401 TCCCAGCTAC TTGGAAGGCCA GAGGCCGAGG GAACCCTGTCA 132551 TGAATTATTC AAGTCAACAAA TTAGCCGGCT GACACCCAG GCCTGGGTGA 132501 CAGTGCAAGA CTTCATCTCA AAAAAAAAAT TAGTAATGTT AAGTCAAATT 132551 TGAATTATTC TACACCCCCC TCTCATCTTC ACATTTTGCT ACCCCTCCTTC 132601 CATTAATTTT ATATTTTTAA TTGTTTTTGT GCCTTACACT TCTATTTCCNN 132651 NNNNNNNNN NNNNNNNNT GCACTCCTTT TATAACTGTT CTCATTTCCNN 132751 CTGGACTCTT AATATTCCTC CTTAACCTTCT TATAACCTGT TTATAACTGTT TATAACTGTT TA

	<b>ATGAACTCAG</b>				
133051	<b>AGTAACATCT</b>	ATTTTGGCTC	ATCAGAGACC	TTTTGATTT	CTTCCTGGGT
133101	CTTGATGTAT	TTCATATTTT	TGAGGATGTG	AAATAAATCA	ACTGAGGACT
133151	AACCTGAAAT	GTTACTTTCT	<b>CTAGGAACAT</b>	TTCTTGACTC	TAAGGAGTTT
	CTTCTGTATG				
	CATACAGTAT				
	ATACCGCCCA				
133351	TITGIGITIC	AGTCAGTCAG	ΑΤΙΤΙΤΔΔΔΔ	ΑΤΤΑΔΤΑΤΑΔ	ATTGTTTAGG
	AAATACTTAA				
122401	GATCTGCATG	CAATACAATA	TEAATCTTET	TCAAACTAAC	CCCTCTCTCT
12343T	ATGIGITIGE	CCATCCATCC	ATTOTTOTTO	CCACACACAC	ACACACCCAC
13330T	AIGIGITIGI	ACACACATOC	AIGCIGGIGC	GCACACACAG TCCCCATCAG	AGAGAGGGGAG
	AGAGAGACAC				
	TGTCAGAATA				
133651	TATCATTATG	GGACAATTTA	ATTCATAACT	TCTTGTGGTG	ACIGITIAIC
133701	TTAAGAGAGT	AGATATGTAT	GTGGTAAAAA	AGAAAGTCTG	cididitici
133751	TACAATATTT	GATATTCTAG	GTACTTGAGA	AATAAGAAAT	ATTAMAGITC
133801	<b>AGAAATATTA</b>	ATGTCAAAAA	ATGTGCATCT	TCAGATCTGG	TAAGTAGACC
133851	TGCTTAGAGC	TAGCCAGTGG	TTAGGCCTGA	GAAATGGCTG	TTCCATCTTC
133901	TGTGCCTAGC	<b>ACCACATCTG</b>	<b>ATATAGTGTA</b>	<b>AAAATGTGGA</b>	TAGAGTTATA
	GACAGATGAT				
134001	CTTTGTATTG	ATGTGTGGTT	TTTGGAATGT	AGAATGGCTT	TAACTITIAA
	<b>GGCACAAATA</b>				
134101	AGATTTIGTT	TATTITUTET	TITGIGIATA	TTTTTAC	TTCATTGGAA
134151	GAAATATACA	TGATTGCATT	TATAAAGACA	CTGAACAGTT	GIIICIIII
12/201	CATGCAGGGG	CCTCAATTAA	TEAATAAATA	TETTEGTEAA	TCTGAAAGAG
124201	CAGTTAGAGA	CCTAACAAAT	TETECCTITA	CTCCCACTCA	CCACACCACA
134231	ATCACACTTC	TOTOTOTO	ACCETTOCETT	TICTITIACC	TAACACACTT
134301	ATCACACTIC	CAACTCACAT	AGCITCCTA	TIGITIAGG	TTCACCTAAA
134331	TGGCATTTCC	GAAGICAGAI	CHAGIGGIA	CATCATCTCC	AATACTTCAC
	TATTATTTA				
	ппыпп				
134501	CTGATAATAA	TAGCCAGCAT	TICIGITAAA	ATAGITAATG	CIGITACIAA
134551	TAGTTAATAA	TACCTATCAT	TTATTGAGCT	CHACIGHT	CAGGCATTGT
	GCCAAATGCT				
134651	GAGGTAGGTG	TTTATTATCI	CCATTTTATA	GATGTAGAAA	TCGAGGCTTA
134701	CAGAAGTGAA	<b>GTTAACTGCT</b>	GAAAGTCACA	CAGTTACTAG	TAGTGCAGCT
134751	<b>GGGATTTTAA</b>	CTGAAATTTT	CTGATTGCTT	<b>AACTGAATTG</b>	CCTCCTTCAC
134801	<b>ACCTATGTGA</b>	<b>ATATGTATTG</b>	<b>ATAGTCTTGT</b>	CTCTTTAAGC	ACTATTGAAG
134851	<b>GGGATACTTT</b>	TACATCCATT	<b>ATAAAGTTCT</b>	<b>GAACATCTAT</b>	TACAAGGTCT
134901	<b>ATACAAAGTG</b>	ACTGGGCTTG	TTGACTTGTA	CCTAATAGGT	TTGGTTCTAA
134951	<b>ATATAGTTTT</b>	AAAACAAACC	<b>AACTACAGAA</b>	TTTTCTAGTG	TTTGCTCATC
	TTTAGCTAAT				
	GTGGCGCCTT				
	AAGGGGCAGG				
	ATGTTACATA				
	TTTTATCTAT				
	TITICCICIT				
1323U1	TTTATCTATA	TTCCATAAAA	ACCACTEATA	COTOTOTOCC	CATTICACT
1323CT	THAICIAIA	TIGGATAVA	ACACATACTT	CTTACTATTC	TCTATCAAAA
132401 T3333T	AAIIIIIAIA	GITIAIAICA	TAATTAAAAC	TOTALACALA	ACTICATION
					ACTGGATTAA
T2342T	TCATAATTAC	TICHGIAGI	AGACAMAI	IAIAAAAIAC	GTTACACAGA
T3220T	IIIIAAAAII	CICIGGAAIA	AAIGITICCI	AAAGIAAAAI	TAAATAGAAT
T3222T	AIAAAIIAGI	ALIAAIAGII	TIGCICCAAA	AICICAGGCA	GTAAAGAGGA
	TTATCTATGA				
	TCAGAACTGT				
135701	CTTTAATATG	TTCTACAAGT	<b>GGTTCATGTT</b>	GGGTAATGTA	AATTCATGTA
135751	CTTTGTGCAT	AGCITCTTGA	TGIGIATATT	GATTATAAAA	TTTTIGCTGG
135801	<b>TGGTAATTAC</b>	AGTGAAGGGT	GAAGACAACT	TACAGGTGTC	AGTAGTAAGT
135851	<b>GTGATATGAA</b>	ACATTGCTGT	TATCATCCTT	CTTAATTAGA	GCTGCCTCAT
135901	<b>GTGATGAGAG</b>	TATAAATTGT	CATTAGGAAC	CTATCATTAG	GAGGTAGACT
135951	<b>GCTATATTAG</b>	TCCATTTTCG	<b>TGCTGCTGAT</b>	<b>AAAGACATAC</b>	TCGAGACTGG
136001	<b>GTAATTTATA</b>	AAGAAAAAGA	<b>GGTTTAATGG</b>	<b>ACTCACAGTT</b>	CCACGTGGCT
136051	AGGAGACCTC	<b>ACAATCATGG</b>	TGGAAGGCGA	<b>AAGACATCTC</b>	TTAGGTGGTG
136101	ACAGGCAAGA	GAGAATGAGA	<b>GCCAAGTGAA</b>	AGGGGAAACC	CCTTATAAAA
136151	CCGTCAGATC	CCCTCCCC	CCGTGGCTCA	CCCCTGTAAT	CCCAGCACTT
136201	TGGCAGGCCG	AGGTGGGGA	ATCATTTGAG	GTCACCACTT	TGAGACTACC
136251	CTGGCCCACA	TIGTICANAM	CIGICICTAC	ΤΑΔΑΔΑΤΑΤΑ	GAAATTAGGT
136301	GGGCGTGGTG	100,000	GTAATTCCAG	CTACTTGGGA	CCCTGACCCA
136361	GGAGAATTGC	TTCACCCCAC	CACCTICEACE	TICCOTICAC	CLEVEVCLUSC
136401	TOCATOCAC	TOTAL	GCAACAAGAG	CCAAACTCCA	TCTCAAAAAA
136461	CAAAACAAA	CAAAAAATCA	CATCTICATEA	GACTICATTICA	CTACCATGAA
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	CALLANA ICA	210104	ACIONITION	CIACCAIGAA

136501	AACAGTATGG	GGGAAACCAC	CCCCATATTC	AGTTAATCTC	CCACTGGGTC
			TTATGGGGC		
			CATATCATTC		
			AATCATTCAT		
			ATTAACTCAA		
13C001	CATCIGAGAL	TACTICATOR	CCTTCCACCT	ATGAGGCTAT	TTCCATAAAT
			GTACTATGGG		
			AAATTGGTCA		
136901	CCATGCAAGT	CCAAAATCCA	GCAGGGCAGT	CAAATCTTTT	пппсп
136951	TCTTTTTAT	TTATTTAT	TTTATTTAT	TTTATTTAT	TTTATTATTA
137001	TTATACTTTA	AGTTTTAGGG	TACATGTGCA	CAATGTGCAG	GTTAGTTACA
137051	<b>TATGTATACA</b>	TATGCCATAC	TGGTGTGCTG	CACCCATTAA	CTCGTCATTT
			AAGCCATCCC		
			TGTTCCCCCTT		
			<b>AGTGAGAATA</b>		
			AATGATGATT		
			CATTITITAT		
			CTTAATCCTG		
			CTATTGTGAA		
			CAGCATGATT		
			GTCAAATGGT		
			TCCACAATGG		
			CCTATTICIC		
			GATCGCCATT		
			GCATTTCTCT		
			GCTGCATAAA		
			CTTTTTGATG		
			AAAGCTTCAA		
137901	GCCTCACATC	CAGGTCCCCC	TGATGCAAGA	GAGGGGTTCC	CATGGTCTTG
137951	<b>GGCAGCTCTG</b>	CCTCTGTAGC	TTGGCAGGGT	ACAGCCTCCC	TCTGGCTGCT
138001	TTCACAGGCT	<b>GGTGTTGAGT</b>	<b>ATCTGCAGCA</b>	<b>ACATGGTGCC</b>	ACAGGCACAT
138051	<b>GGTGCAAGCT</b>	GTCAGTAACC	TACCATTTTA	<b>GGGTGTGGAG</b>	GATCGTGGCT
			GGTGGTGCCC		
			CTTCCACTCT		
			ACACCTCTGC		
			CGGAAGTTCC		
			CTCCATGTGG		
			GCCCAAGCTG		
			GCAGGGCACC		
			GGACCTGGCC		
			TGGGAGGGC		
			CATTGTCTTG		
			CAGCTGGCTT		
			TCTTCAGGCT		
138/01	GCCTTGTCAC	ATCTTGACTG	CTTTGCTGCT	TAGAAATTTC	TTCCACCAGA
			ATGTTCAAAG		
			TCTTTGTATA		
			TTTTCATCTG		
			CAGCATTTTG		
			TCCCACATCT		
139001	<b>AAGTCTCTAG</b>	GAAGTTCCAA	ACTTTCCCAC	ATTTTCCTGT	TTTCTTCTGA
139051	GCCCTCCAAA	CTGTACCAAC	CTTCACCTGT	TACTCAGTTC	TAAAGTTGCT
139101	TCCACATTTT	CAGGTATCTT	TACAGCAGCA	CCCCACTCTA	CCGTTACCAG
139151	TTTACTGGAT	TAGTCCATTT	TTATACTACT	ATGAAGAAAT	ACCCAAGACT
139201	<b>GGATAATTTA</b>	TAAAGAAAAA	<b>GAGGTTTAAT</b>	GAACTCATTA	GTTCCACATC
			TGGAGGAAGG		
			<b>AGAGAGCTTG</b>		
139351	TAAAATCATT	ACATCTTGTG	ATGCTTATTC	ACTACCACAA	TAACAGTIGTIG
			TCGATTACCT		
			TCAAGGTGAG		
			CTTTCCACCC		
			TGCTTTGTGA		
			TGGCACAGAG		
			AGCCAGAGAA		
T32/0T	CLICCACAGT	IATGIGACAT	CAGAGACATC	IGGITTIGGA	CCTAMAAG
T38/21	GAACAGGTGG	GAGGGATATC	CTGTTAAATA	IGAACCAGAT	GGGGGTAGA
			AAAATGTCTC		
139851	AACCAGACAA	GGCACTITGT	AGTAATATCT	<b>IGCITTCITA</b>	GGAGTTTAGC
139901	TCAGTAGGAA	TTACCAGATA	CATAAGAGAT	GCTAATGATT	TGCAGCTTCT
139951	AGATGTTATT	TOCTCTGGTA	GICTTCATCA	AATTGAACTT	TTCAGAGAAC

140001 ACATGIGITT AGTGTATACC TCCCTCTCTC AATGGCTCGT. CATGTGTT/	AC
140051 TTAATGAAGG GAGGCAGTTT ACATACTGAG AAATTCAGTC ATTAGTCA	
140101 TICATIGITA TGTAAACATC ATAGAGTATA CITACITATA AACCTGGA	
140151 ATGTAGCCTT CTACACTATA TACCATATGG CCTATTGCTA GATAGTAT/ 140201 CAATCATCTG CAGTACTTTG ATTTTGTTTT CAAACATCAT ATTACCAG	
140251 TITATTTITA TGAAATAAAG ATTITTITTA AAACTATCAT TTTTTTCT	
140301 TAATAATGGC CAGTATTTCT GITAACATAG TCAATGTTGT TACTGTTA	
140351 TAATCATACC TATCAATTAT TGAGCTCTTA CTATGTAAGA TATATATA	
140401 AATAAGCCAT ATGGTATAGC AATAAGTCAT ATGGTATAGC AATAGGCT/	AT
140451 ATTACCTATA CCAGGTAGCC TGGTCCTAGG CTACTAACTT ATACAGCA	
140501 TTATTGTACT GAATACCATT GTAGGTAGTG GTAACAAAAT GCTTAGAT	
140551 GTGTATATAA ACATACAAAA GTTAGAGTAA AAAGACAGTG CTGTGATC	
140601 ATGGTACCAG CTTCATATAT GTGATTGCCA TTGACCCAAA CTTCATTA	
140651 TGGCACATGA CTGTAGAAAT AAATTCTATG CAATTTGTTT TGTACAGA	
140701 CATTTCTGGT CATAATTTAT CAAGTTAGTT GGCATTTCGG AAAGCAAAA 140751 TGAAGTTCCA TTCAAGGAAA TAGAGTGCTG ATGGGTCCCA ATTAAAGAA	
140801 TTTGGTTGTA CTCTATTTGC ACTGAATCTT ATGTAGTTTG TTTTTTTGTA	
140851 CCATAMACT CTCATAMAGT GACTITICTGT TITCAGGTCT TCGTCTTT	
140901 TTCCTAATTA TATGATGGAT CATTATTGCC TATAAGTGAT TGTTTTATC	
140951 AATTAGTTTG CTGTTACTTG AAATCTAAAA CAAAAGGTAT TTTGTTCA	
141001 TTTTIGITCT TIGGCTATTT GAATTGAACA CAATGGAAAC TGATAAAG	
141051 CTACTGATAG ATATACCAGA AGTATAAAAT TCCCAAGATA CTAAACTA	
141101 TTTATGCATT GTTAAACTAC TCATGGAATA GGAAAACAGA GAAAAATT	
141151 ATAAATTAGG AGGCATTTCT ATGTAATATT AGGCTGTAAA CAGTCACTO	
141201 TITAATTOGT CCAAAGCTAT CATCIGITTT CTATGATAAC ATTCAGAT	
141251 AATCATATAA TTAGTCCCAA AGTGACAATG CATAAAGAAG AATGTTTC 141301 GGCTGGGCAC AGTGGCTCAC ACCTGTAATC CCAGCACTTT GGGAGGCCC	
141351 AGTGGGCGGA TCACGAGGTC AGGAGATCAA GATCATCCTG GCTAAGATC	
141401 TGAAACCCCG TCTCTACTAA AAATACAAAA AATTAGCTGG GCGTGGTG	
141451 AGACGCCTGT AGTCCCAGTT ACTTGGGAGG CTAAGGCAGG AGAATGGC	
141501 GAACTCAGGA GGCGGAGCTT GCAGTGAGCT GAGATCGCGC CACTGCAC	
141551 CAGCCTGGGT GACAGAGCGA GACTGTCTCA AAAAAAAAA AGAAGAAG	
141601 GAAGGTTTCA AGAATTTAGT TTCTAAATTC AGGATGTTTC GCAATTGA	
141651 AAAGAATCAT GATATTTGCT AGTCTTTACT GTCTTGCTCA TGCTAAATC	
141701 AATTATTTTIG ACTACTTAAA ATTACTGAAA AGATAAGACA TGGTAATTA	
141751 CCATGAAGCA GAGGATTGCA GCCAGCACAT TGTAAGTAGA GCATAGATA	
141801 ACTATTTCCT TGTTAGTCAT TGAAGTCTTT GTATTTCAAA AAAATCGT/	
141851 ATTTCGTGCT TATGAAAGTA TCTAATTATA ACCAATATTT TATCTCTTC 141901 TTGCCCTGTT TAATAGATTC TTTGGGACTT GAAGAATAAA TAAGCCTG	
141951 ATTTACTICT CTTCTGTGTG TTCATTTAAA TTACGGCACC TTTGAATA	
142001 AATTITIGIC ATATTITATA TIGTAAGAGG AAATGCIGCA TGATTCTT	
142051 TTCAAAGTAT TTTACTACAT TTGGGAAAAT TAAAAATGCT GTTAAGGG	
142101 ACATAGCTCT TTGGAAAATG GATAATATGA TAGGGAGTGA GACGTTGA	
142151 GAGGAAGGGG AGTTGAATTA TACTGGGCTA ATAATAATAT TAGATAACA	
142201 TCCTTTAGTG CTTCTTACAT ACTAGAAACT ACTTACATTG CTTTACAGT	
142251 AAGAAAAACT CACAGAAAGG TCCCTGCATT AATGCAAAGT AGGATATTA	
142301 ACAATTGGCA GTTGACTICTA GTACTTTGTC TTACCTCCTG ACTAGCTTA 142351 ATTTTTACCT TTTTCAAGGT TATGATGTGG TGAGTAGAGC AAACTGGG	PAC.
142401 GTAAATTATT AGTCAACCTT GTCTTAGGCA ACAATCCTGT CATCAAAA	
142451 GCAGACATGT AGGGTTGGCC CAGTCTCCTC TGACTGACGA AATGAGTAG	
142501 GACTAACCTG TAGATTTCCC ATAACAACTT CTATTGTCCA GGACATTTC	
142551 TAGGATCCTA AGATCCTGAA TCATACTCCT TAGCTGACAG TGATTACT	TΑ
142601 GTAGTGCCAA ACTTCAAGTA GGACTAGAAC AGATTTGGAA CTAGGAACA	
142651 ATTCCTGAAA CTTAGGGTCA TTAGCTAGAG AGGCTCATCT TTTTTACTT	
142701 ACTICCAAGT AATGIGACTC CTTTTGTTTG GACCCCACTT AGTGTATTA	
142751 CTCCTAATCG TTGTGTTTAG GTGCTATTCT CATCTTCCTT TCACAGGTC	
142801 GAAAACGGGG CTGTAGACAC CTAAGTACCT ACTCAAGGGC ATGCATCAC 142851 AATAACAGAG CTTGTATTTG AATTTAGATA TATTGACTAT AGAGCAGAT	
142901 CCCTGAGCCA CTTTTTTGTT CAACTACGGT ACCACATAGC CCAGGATTO	
142951 AGGTGTAGGT AGTTAACTAA CCTTCAAGCT TGTTTNNNN NNNNNNN	
143001 NNNNTGCGT TGGGGATAAA ACAGTGAACA GTAACCTAGG GACAGGTTG	
143051 TTAACCTCTC TAAGCCTTAG TTTCTTCATC TGTAAAGTGG AGTTAATAA	AΤ
143101 AGTAMATTICT AGGTTTTTGG AAGTAMATAC ATTTATAGCG CTTAACATA	
143151 TACCTIGGTAT TTAATAACTA CTAGAAAAGT TCAATGTTTC TTCTTAGAC	
143201 AATTITICCA AGATATICIT AAAATAATAA TGATTICCAT ATAGGTTG	
143251 ATATAGTAAT TGAGATTGAA ATGAATCTAC CTCGACAGAG TTTATACAC 143301 AGTGAAAGAA AACTGATTAA ATAAAACATT TGGGAATTAG AAAAAATAT	
143351 CTACAGTTGA CACACAGTGT GGCATTTTGT CACTCTAAGA TGCCATCAC	
13332 Circuit of Control of Society of Cicings 1604104	J 1
143401 ΤΑΤΑΑΘΑΤΑΌ ΑΤΟΛΤΤΆΤΤΤ ΤΑΤΙΘΙΑΑΌΤΙ ΑΟΤΙΘΑΑΘΑΛΑ ΤΑΤΙΘΙΓΑ	34
143401 TATAAGATAC ATCATTATTT TATGTAACTT ACTGAAGAAA TATGCTGAC 143451 AAATGGTGCT GAGAAATCAC CAACTACAGG AGACATTCTG ACCTGACAA	GA 4A

143501	TATAAAATAT	GAAAAAAAAT	TATCCTAGAT	ATAGGAGAAA	ATTTIGITGE
143551	TTAGGAGATA	<b>GGGAAATGAT</b>	TTATTCTGTT	TTGTAACACT	AAAGCTTTAT
143601	ATAATGTATT	<b>GGGGTATTGT</b>	TTTATGACTA	GAACATAAAA	ACATGATCAA
143661	ATATATTAA	AAAAATGAAA	AAGGTCAAGT	CCTCACTTAA	AACCTICACTIC
143031	AIAIAIIIAA	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	CACAATT	GCTCAGT IAA	COTTOTAL
143/01	GIAICTICIG	TGTGGCACTA	GAGAATCIAT	ATTACIANCE	GCITCICCIA
143751	TAGCTGTTTC	TGCATTTATA	GTCCAGAATT	GGTTTCCACT	TAAGAGIGGI
143801	TAGGGAAAAA	AATAAAAAAG	TTCTAAGCTA	GCTTTCATTG	AAAATGAAGA
143851	TCTCAGGCTT	<b>AGCGGCATTC</b>	TGAAAAGAGG	TCTGCGTTTT	AAAATAATAA
1/2001	TCACCAAATG	AGGTACCCTC	TTTTAACCAG	CAGCAGCATA	TCCAGATTTG
143901	10000VAIG	AATACATTCA	TCATCTATC	TACTICTAAAC	CAAATTITIC
143951	AGGIAAATIC	AATACATTCA	IGAIGITATG	IACIGIAMO	GAMAITITIG
144001	TAGGCATCAT	TTCTCTAAAT	GACACTTTTC	AAGAAGGGII	AIAAAIIIII
144051	TAATGTGATT	TTTATGGTGG	TTTATAAAAT	TTCATAAAAT	CATAGAACTT
144101	TATAAATGGA	<b>AAAGTTCTTA</b>	<b>GAAGTCATCT</b>	AGTACAACCT	TTTATTTTC
144151	AGAAGAAACA	TGTAATTCTT	TTGTGGCCTA	GACAAGACTA	GAACTCATGT
144201	CTTCTCATTT	AATGCTCTTT	CAACTATACT	ACTICITE .	CATATATTAT
144201	CACCATTTAC	GATAGAAAAA	CTACATTTAT	TTCACCCTAA	AAATTCTCAT
144231	CAUGATTIAG	GATAGAAAAA	GIACATTIAL	777774464	AACTICICAL
144301	GTATCTAMAT	ATTTATGAAG	AAIIIIIIA	IGITTIAAGA	AACICIAGIA
144351	GTCACAACTT	<b>AGATATTTT</b>	AGCCACTATT	ATTITIATGE	CCATTTIGAA
144401	<b>AGTTACTAAA</b>	ATCAATGGCA	<b>TTTTCIGG</b>	AAACAGTTTT	TTCCAATTTA
144451	TACTTAATIG	CCTCACATAT	<b>AACATAATTT</b>	CATATTGGTA	AATTITAAAT
144501	ACTAAACACT	AAACAAATGC	TGAGGAAAAC	AAAGCAAGAG	ACGAAATGGA
144561	AAATCTCTAA	CAGATTTTCT	CTTATAATAC	TTTATCTCC	TATGAGAGIT
144221	AMAIGIGIAM	CAGATTTICT	CHAIAGIAG	TAACTTCTAA	CTAACTACTA
		TTTATTIGT			
144651	TAGCATAATT	TTTCAAAGGC	ATGAGATGAG	TTTCCTTAGA	GAGATGGCCI
144701	GTTGCAGCAT	TTTACTAGGA	ACTGGGAATT	CTTTGTTATG	TGTAGGACAC
144751	ATAGATTTCT	TGCTGTAGCT	<b>ATCTCACCTT</b>	TAAAATCAAA	GTTTGCTTAC
144801	ATTITACETE	TACCATGAAA	ΑΤΤΑΤΟΑΤΑΑ	GTAATGCTTT	AACTCAGAGC
144051	ACTATATOTT	GGCTAGCCTT	CHITTEGG	GTTTCTTACA	ACCCAATITI
144001	AGIAIAIGIT	GGCIAGCCIT	TTAACAAAT	CACCCCCCCC	ACCCTCACTC
144901	GACIGIGGGI	GTGTGAGATT	TIANGAVAI	GAGGCIGGGC	ACCIO
144951	ACACCTGTAA	TCCCAGCACT	TTGGGAGGCT	GAGGGGGGG	GATCACGAGG
145001	TCAGGAGATC	CAGACCATCC	TGGCCAGCAT	GGTGAAACCCC	CATCTCTACT
145051	AAAATACAAA	AAATTAGCTT	<b>GGCATGGTGG</b>	CGCACACCTG	TAGTCCCAGC
145101	TACTOGAGAG	GCTGAGGCAG	CCCAATCCCT	TGAACCCGG	AGGTGTAGGT
145151	TECACTEACE	CAAGATTGCA	CCACTICTACT	CCAGCCTGGG	CAACGGGGG
145151	IGCAGIGAGC	CAAGATIGCA	CACIGIACI	CAGCAGAGG	AATCAACAAA
1452UL	AGACICCAIC	AMADOOD	ACHAROLINA	GAGAVAVGAA	AATGAACAAA
145251	TTTACATGCC	TACCATITGG	GACTIGITAT	GATATITAAA	ATGTATACTA
145301	<b>GGAAAAAAT</b> A	TTTAAAATT	AAAAATGAGT	ATATAAGATG	CTGGTATATA
145351	ATTTGGGTAG	<b>GGCATTTTAT</b>	TTTATTGGAG	GAGTTAGGAA	ATTCATGTAT
145401	TOTATA	TTTTAGTAC	TIGGAAAATAG	AATCAGTATA	ATAATTACCA
145451	TAATCCACT	CAACTICAT	AAACATAGGG	CTAACCACAT	TTTTTCTG
143431	IAAIGGGAGI	GARGITICIT	AVAIGATAGGG	TTACTCCTAT	TCATCTCTCT
T4220T	AMACAGITCA	GTTAGTAAAT	GIAGICICIG	HACIGCIAI	TOATCICIGI
145551	TGCTATAGTA	CAAAAGCAGC	ATGGAAAATA	TATAATCAAA	TGCGAAAACA
145601	ATTGGTTGGT	CAGATTTGGT	CTGTGCCTAT	AGTTTGCCTA	CCCCAGTTTT
145651	AAGATACCGT	AATATCCCTT	TGATCTGTGG	TOGTATATGT	CTTTTGAATA
145701	CCAATAATTT	GGAAAGGGGG	CTTGACTTTT	GAAAGGAAAA	GAAAGTTAAT
					CCCCTATTGT
145/31	CTTCCCTATC	TCTACCACAT	AATAAACTCT	TATEAAATEA	TTTCATTATG
145601	GIIGCLIAIG	ICIAGCAGAI	AAIAAGICI	TAIGHAICA	TOTAL
145851	TIAGIGATIA	AGCATTIGIA	THAAACITI	TICATAGAGI	TGTTTTGAT
145901	TTCCTAGGAT	GTCAGTTTTA	TGGTTTTGT	TTCCTACTGA	AGCTTTGAAA
145951	gtcagccaag	AATATTICIC	AGTTCATAAA	ACATTTTCAC	TATGCTTTTC
146001	TCCAGCTAGC	TTTCAATGAT	CTGTGGAAAT	AAAGAGCAAA	GGCCGTATGG
146051	GTAATAGGAA	ΤΓΓΓΑΔΑΓΙΔΑΤ	TATTGTCACC	TAATCTTCAG	CATTAATTAC
1/6101	ACCCACTETT	TCATCCTACA	ACAAAGAGCA	ΑΔΤΤΙΤΙΤΙΚΑΔΑΔ	GTTGAGTT
146151	CACTECCTT	TATTERCARC	TACCTCATIC	GACCETETCAA	TAAAACATTT
140131	ACIGULIII	ATTIAGANG	AACACTAATC	AAATACCTCC	ACATACATCC
146201	. CTAAATATGA	ATATTTALL	AAGAGIAAIC	AMAIAGCICC	ACATAGATGC
146251	. Tacataataa	. Cagcatagaa	TCACAATTTT	' ATTAMATTC	AAAAGACTTA
146301	TGTATATATT	ACCTAAATTT	GCTCCCTCAT	* TCATACCTGC	CAACAAGAAT
146351	GAAATCTTCA	AGGAAGTGAA	AATGTCTTCA	TTCTCTTACC	TCAGATGTCC
146401	ACCACACTOC	CTAGCAAAGA	TGCACACACA	TAGTITITIE	AATAAGGGAA
146451		CACACACTAC	ACATTATCAT		GTTATTCAGA
T4042T	. IAGAVACICA	GAGAVACIAG	HOAT IATOAL	DIJANIJAN T	ATTICACACT
146501	. GTTCGACTTA	GIGCACGIG	IGAACAAATI	TICITIAAA	ATTTGAGACT
146551	. Tgtaaaattt	· AAACTGAGAC	TCTTACATAA	TITTATCTCC	TGCATTAATG
146601	TTTATAGAAG	CATCATCATC	TTCATGGTAA	AGAATCATTG	GTAAGCTTTG
146651	GAATAATTTA	CCTCTCAAAG	AACTCCAAAA	AGAATTACTG	AAGTGCTAAG
146701	CCTCCTAAA	ΔΔζΔΤΤΤΔΔΤ	GTTTTGAA	CACAATAAAT	TTAAAAGTGG
1/6751		CAAAACTTTC	TCACTICIC	AAGTATACAG	AAATGATAGA
140/01	. GIIUMUIUA			TAATTAAACC	CC88C888CC
T40001	. IALICITIT	AAIAIAGCIG	IIAGAGGG	ACCOCATE	CCAACAAAGG
146851		: T7 ATT-A/2/ AT	IAICAITT	AUGUCAGTGA	GAACACATTT
	, ATAGCAGCAG	1 GATGAGOAT			
146901	TGAAAAAGAC	TGCTGCCATC	CATGATATAT	TAATTAATTT	GTAGAAAGGT
146901 146951	TGAAAAAGAC	TGCTGCCATC	CATGATATAT	TAATTAATTT	GTAGAAAGGT TTATTTATT

49/154

147001 GTAGGGTAAT TTAACAGTCT TTTTTTGCGT AAACAAGCAC CTAAGTCAGT 147051 AGGTTCCAAA TCCTGTGTTT CTACAACCAT ACTTAGAGCA TATAAATGAT 147101 GATCCTGTAT TATCAAGGAC AAATGCTGTA TAGAATCCTG TGGCACCCTC 147151 TTCCCAAACA AAAGCTGAGT TGACTGGGAA TACACAAAGA AGGAGTGTAG 147201 GTAGAAAAAA ACAGATGAAG AGAACTTTTG GTATAGATTC AAGAAACCAA 147251 AGAAATACGG ATTITCTTTT TGTTGGCCTA TTTCCTGAGC CAAGCATTTC 147301 TGCATCTGAG CACAGAATCT TACAGTATGT TGTTAAAAAT ATTTTGTCTA 147351 TITTAGAAGG ATTTACTTAA ATTTATTTTT AATTATAAAA ATATCCGAAA 147401 AGTATAAACA TATTCTTATC TGGAAATTTT AGCTATGTAA AATAAATAAC 147451 TACTTGAGGA ATTTGAGAAG CTAAGCAATT ACTACATTTG AACAACTAAA 147501 ACAGTTAAGA CTGTTAAGAC TAAAACGTAA AGTACTCTAA TTACCAATGT 147551 CTTAACAATC TCCTAGTAAT ACAGCAACAA AATCTCTATT AGGAGTGTAT 147601 TAAAGGCTGA CTGTTCTGGG CATGCCTCAT AGTTATGAAG GATTTCAGAG 147651 GAGCAGTTCT GATCTTAGTA TTCGCTTGGT GGTTTTCATG GCAAAATTTA 147701 AGGAAATTTG ATACTTTGAA CCATATTGTA AGTAAGGCTA AGTAAGGAAC 147751 TGACTGTTAA TCTGGATGCA TCTGTTGACC CATGCTGTTT GAAGCTTCTG
147801 AAAATCTTCT ACCAGACATC ACATTCTTGC TCTTTTCAGC AAATATTTAT
147851 GTATCACACA CCCGTTAGTT TAATTTATAA CTTTAAAAGA TTTAAAAGGT
147901 ATCTTCATTA TGCCAATTAT AGTGCTGACA CTTACAATGA CTAAAAATTA 147951 ATATITAATT AATTITTATA ATTATAATTA TTATAATGCC CCAAACTGCT 148001 ATCTAGTGAC ATTTTCTTTG TGCTAAGTAC TGTGCTAGAT CCTTTATATG
148051 TTTTATTTAA TTTTGAGGAA GTGTCTTAGT CCCCTTGGGC TGTTATAACA
148101 GCATAATTTA GTCTGAGTGG CTTAGAAACA AAAGTTTGTT AGTTCTGGAG 148151 GTTGTGAACT CCAAGATCAA GGTGCTGTCA TATTTGATAT CTGGTGAGGG 148201 CTGCTTCCTT CTTTATAGAA TGCCATCTTC TCACTGTGTC CTCACGTAGT 148251 GAAAGGGGCA AAGGAGCAGT CTGGGGGCTT TCTTACAAGG ATACTAATTC 148301 CATACATGAG GGCTCCACCT TCATGACCTA ATTACCTCCT AGATATCCAC 148351 CTTCAGATAC CATCACTTTG GGGGTTAGAT TTCAACATAT GCATTTTGGG 148401 AAGAGGCAAA TATTCAATCA CCAGGCAAGT ATGATCCTTC GCATGTTTTG 148451 ACTGAGAAAA CTGAGCCTCA CAGACAACAA ACAAGGTGAA AAGTTGCCGT 148501 TTGAACCCAA GCATATTAAA TATCAAAGTC CTTTCCCAAA TTCAAAGCAA 148551 CCTTCCCAAT GAGTACTAGT CAATGAAGGT TTATTGGTTT TCTTTGGGTT 148601 GTTGTTTCTT ACGATTACTA TAGATTTTTA TTTTTTATTT TACTATTTCT 148651 AGATCTIGTGA TATTAGGAAA ATGGCACACG TTTAAAAGCA TTTAATCTGC 148701 TTAAATTTICT AGGTAGTTGG CTGTCAGAAA GTAAGTTTGA ACTGACATAT 148751 TAATTTTCCT TATTATTTCT TGTGTTGGAT TATGTTTATG ATATCAGTGC 148801 CTGCAGGTTC AGGATTGGGA AACAATTCTT TTCAAAAAAT TGCTTTTGTC 148851 AGGTGGTAAA TTGAACTGTG AGTTTAAGAA TCACTTGTTT CTCGGGCTGG 148901 GTGTGGTGGC TCACGCCTGT AATCCCAGCA CTTTGGGAGG CCAAGGCGGG 148951 TGGATCACCT AAGGTCAGGA GTTGGAGACC AACCTGACCA ACATGGAGAA 149001 ACCCGGTCTC TACTAAAAAT ACAAAATTAG CCGGGGGTGG TGGCGCATGC 149051 CTGTAATCCC AGCTACTCGG GAGGCTGAGG CAGGAGAATC ACTTGAACCC 149101 AGGAGGCGGA GGTTGCGATG AGCCGAGATG GCGCCATTGC ACTCCAGCCT 149151 GGACAACAAG AGCGAAACTC CGTCCCCCTC CAAAAAAAAA AAAAAGAATC 149201 ACTIGITICT CTTATICTGT GTTTGAATCA AAACTATACA AATGIAATGA 149251 ATATIGICTG TGTTAGTGTG GAATTTTTAC TGGGAAATCA TGGCAAGATG 149301 GAAAAATACA TGCTTTTATG TCACTCTCTA TGTTAACAGT TTATACAAAT 149351 CTGCAGTTAC ATAGAGCACA TGCAGCTTAT ACATCTGTAT AATAGCTGAC 149401 AAAGGTAACT TGTGTGTCTT TCTGCATTTA TAGGATATCT TATTAATCTA 149451 AAATAGGTC CTGCTGAATG TTGATCATAA TCTAAAATCT AGTTTATCAT 149501 GTAGGTGATA AGCTAGATTA CTCAAGACAT TATTGATTTT GGACATTTAT 149551 CAMATEGITT TIGCTITCAT ATTITICANG TITTGTTGAT TATTCATTGT 149601 TAAATATTTC TTCAGTACAG CITCCITTCA ACTGTAATAA ATAAGGAACT 149651 TTTATTTTTC TTCTGGAGTA CTGATTAAAA GATGGCTGTA GTAGATATTT 149701 CAGCTTTACC ATGGCACATT GGTGTATTTG GCTTACAAAA TTTTTAAAAA 149751 TTATTTATGA TGGAATGAGT ATAGGCTCTG GAATCAAGTA AATGTGCTTT 149801 TAAATCCCAA CTCTTTTATT TGCTAGTTGT GGAATCTTAA GCCATTCAAC 149851 CTTTCTGTCT CAGTTTTTTA ATGGCCCTCA CAGCAGTATT TACCTCACAG 149901 CACTATTATT GGGATTACTT AACTAATACC TGTAATGCAT GACACAGAGC 149951 AACTTACACA TGTGTCAACT CTTATTAATA CAGTGTCTGG GAAGTAGGTA 150001 TTCAATGAAC AATAGATAAT CTTCATAATT ACTTAATTTC GCCTCACAGC L50051 ACTIGTIGTIGG AAGTCAGAAT TCTCCATTITT CAAGGCTAGA AGTGAGGCAC L50101 AGGTAAACTT CCTGGTGTAA ACATAATTAT ATACTGAGCT TTAGTAATGC L50151 TGTAAACAAA TGGTTTATCA GAAACAAGGA GGTTTAATTT TGTTTATGGG 150201 AATCAGAGAT CTTTTGAGGA GATTATTTTT AAAACAGCCC AAAAAAGTGA 150251 GCAAGAAACC TTAAGAAATC CTTGATGTTG TTAGACTCTT TAAATATTTG 150301 TCAAAATGTA ATTGCCAGCT GTATAACATA GCTGGAATTT TAAACATCCA 150351 TAATTTCCCA TAATTTTAAA CACTAGGGAA AAATGCAGTA TGTGCAACAC 150401 AATATAATTT TGCTTTTCTC TAGAGTTGTT TTTCAAGAAG TCCAGTCTAA 150451 CATGGATTIC TITAGITCAA GAGITTIGIG ATATTGGAAA TGATTTATTC

#### FIGURE 3QQ

150501 AAAATGCATT TGTTTATGGA AGAACAAACT TCTTTCCTAG GGATAGAGA
-180881 <del></del>
150551 TGTATTCTAT AGGTAAATTT ATTACTGTAA TATTAACCTG TTTTATTTG
150601 AGTGATATGT AATGTTTGTG TTCACATTTT TTAATTGACA AAAATTGTG
150651 GTACAATGTG ATGTTTTGCT ATATGTATAC ACATAAAATG ATAACATAA
150701 GCTACCTGAC GTATCTGGCA CCTCACATAT TTGACACTTT TTGTGTGATG
150751 AGGACATTTA AAATCTACTG TCTTAGCATT TTCAAATATG TAATACATT/
150801 TTATTAATTA TCATAACCAT GCTGTATATC AAACTTTTTA AGATGTTTA
150851 AACATGAATT CCTATTCTTT TTTTTTAAA CTGAAAAAAA ATATGGTTA
150901 CTTCTCCGGC CTATCTCCTT TTCTTTCTTC TTTCACTTAA GGAAATGATG
150951 TTAAAACATT TTAGTTTTTT TCATAACTTA TAAATTGTAT CTTTATTAC
151001 GATTITTACT TTTTGAAACA GTAAAAATCA TTGACAAAAA TGATGTTTT
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151151 TATCAAGGAA CTAGAATAAT GTTATCATCT TCAAGGTATT TATGCGGTG
151201 AAATGTAATT CATACTCCTC CCAAACTTTG CTATGGAGAG GGGGAGTAT
151251 TTTAGAAGA ATCTCTTTTT ATGTGTTTGT TCCTGTCCAA ACTTATTTT
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151451 ATCTAMACA TITAGATGTA TIGITGACAT TITTAATGAG TGAGCATTI
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151601 AATATTAGTC ACTGATTGCA GAAGTTATTT TGCATAGATG ACTTTTGGA
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151801 TTTTTTGAG GCAGAGTCTC GCTCTGTTGC CCAGGCTGGA GTGCAGTGG
151851 GCGAACTTGG CTCACTGCAG CCTCCACCTC CCAGGTTCAA GCAATTCAO
151901 CTGCCTCTGC CTCCTGAATA GCTGGGATTA CAGGCGCACG CCACCATGO
151951 TGGCTAATTT TCGTATTTTT TAATAGAGAC AGAGTTTCAG CTGTTGGCC
152001 GGCTGGTCTT GAACTCCTGA CCTCAGGTGA TCCATCCATC TTGGCCTTC
152051 ATTICTCATAA GGGGACTICTA TACTTTTTTT TTAGGCCTTT CCACTGGAT
152101 ACATATGTCT TTTGCACTCT ATTCTGTTTC CATTCTTTTT TTTTTTTTT
152151 TGTCACTTTG TGTATTCATT TGGATGCTTT CTAGTAACCA GTCTTCCAT
152201 TTAAGAATCC TCTGTTCTGT TTTCACTAAT CTCCCATTAA GACTATCTT
152251 TGAGTTCTTA ATTTTTATTA TAGTTTTTAG GTTTAGGATT TCCCTTTGA
152301 GGTTTTCTAA TGGATTCCAA GTCCCTGGTG AAATTCAACT TTTTAAAAA
152351 TTTGCTGTAG TTCATGTGGA TTTTTGTTTT TACTATATTA GCACTATCTO
152401 TTGCCAGATT GTATTTTAAC TTGTTTCACA GATTGTAATT CACTAGGAT
152451 TCTCCTCTTC TTAAGAGAAA ATTAAAAGGG AGATGGGATT AAAGCCAAA
152501 GATACTCTAG AAAGCCTTTT TCAAAAAATT TCTTCTTTCA TTTATAGAA
152551 TTAGGGTTTC GAGGAATGGG ATGAATAGAG ATGTCTATGC TTTTGTTGA
אין ווייטטטוווי טרטהורבטוא מסטיאווטטט אווויטטטווו בנלצעב
152601 AACATGGTAT TTTGGGTTTT TCTCAATTGT TCCATCTCTT TTTTGGGGG
152601 AACATGGTAT TTTTGGGTTTT TCTCAATTGT TCCATCTCTT TTTTTGGGGG 152651 GGTGGGAACG GAGTCTTGCT TTGTCGCCCA GGCTGGAGTG CAGTGGCGA
152601 AACATGGTAT TTTTGGGTTTT TCTCAATTGT TCCATCTCTT TTTTTGGGGG 152651 GGTGGGAACG GAGTCTTGCT TTGTCGCCCA GGCTGGAGTG CAGTGGCGA 152701 ATCTCAGTTC ACTGCAACCT CTGCCTCCTG GGTTCAAGCA ATTCTCCTG
152601 AACATGGTAT TTTTGGGTTTT TCTCAATTGT TCCATCTCTT TTTTTGGGGG 152651 GGTGGGAACG GAGTCTTGCT TTGTCGCCCA GGCTGGAGTG CAGTGGCGA 152701 ATCTCAGTTC ACTGCAACCT CTGCCTCCTG GGTTCAAGCA ATTCTCCTG
152601 AACATIGITAT TITTIGGITTIT TICTCAATTIGT TICCATCTICTT TITTIGGIGGI 152651 GGTGGGAACG GAGTICTTIGCT TITGTCGCCCA GGCTGGAGTIG CAGTIGGCGAA 152701 ATCTCAGTTIC ACTIGCAACCT CTGCCTCCTIG GGTTCAAGCA ATTICTCCTIG 152751 CTCAGCCTCC CAAGTAGCTIG GGATTACAGG TIGCATGCCAC CATGCCCGG 152801 TAATTITTIGT ATTITTTICAG TAGAGACGGG GTTTCACCAT GTTGGCCAG
152601 AACATIGITAT TITTIGGITTIT TICTCAATTIGT TICCATCTICTT TITTIGGIGGI 152651 GGTGGGAACG GAGTICTTIGCT TITGTCGCCCA GGCTGGAGTIG CAGTIGGCGAA 152701 ATCTCAGTTIC ACTIGCAACCT CTGCCTCCTIG GGTTCAAGCA ATTICTCCTIG 152751 CTCAGCCTCC CAAGTAGCTIG GGATTACAGG TIGCATGCCAC CATGCCCGG 152801 TAATTITTIGT ATTITTTICAG TAGAGACGGG GTTTCACCAT GTTGGCCAG
152601 AACATIGITAT TITTIGGITTIT TICTCAATTIGT TICCATCTCTT TITTIGGGGG 152651 GGTGGGAACG GAGTCTTGCT TITGTCGCCCA GGCTGGAGTG CAGTGGCGAA 152701 ATCTCAGTTC ACTGCAACCT CTGCCTCCTG GGTTCAAGCA ATTCTCCTG 152751 CTCAGCCTCC CAAGTAGCTG GGATTACAGG TGCATGCCAC CATGCCCGG 152801 TAATTTTTGT ATTTTTTCAG TAGAGACGGG GTTTCACCAT GTTGGCCAGA 152851 CTGGTCTCGA ACTCCTGACT TITGTGATCCG CCCACCTTAG CCTCCCAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCACGC CCAGCCTGTT TTATCACTT
152601 AACATIGITAT TITTIGGITTIT TICTCAATTIGT TICCATCTCTT TITTIGGGGG 152651 GGTGGGAACG GAGTCTTGCT TITGTCGCCCA GGCTGGAGTG CAGTGGCGAA 152701 ATCTCAGTTC ACTGCAACCT CTGCCTCCTG GGTTCAAGCA ATTCTCCTG 152751 CTCAGCCTCC CAAGTAGCTG GGATTACAGG TGCATGCCAC CATGCCCGG 152801 TAATTTTTGT ATTTTTTCAG TAGAGACGGG GTTTCACCAT GTTGGCCAGA 152851 CTGGTCTCGA ACTCCTGACT TITGTGATCCG CCCACCTTAG CCTCCCAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCACGC CCAGCCTGTT TTATCACTT
152601 AACATIGITAT TITTIGGITTIT TICTCAATTIGT TICCATCTCTT TITTIGGGGG 152651 GGTGGGAACG GAGTCTTGCT TITGTCGCCCA GGCTGGAGTG CAGTGGCGAA 152701 ATCTCAGTTC ACTGCAACCT CTGCCTCCTG GGTTCAAGCA ATTCTCCTG 152751 CTCAGCCTCC CAAGTAGCTG GGATTACAGG TGCATGCCAC CATGCCCGG 152801 TAATTTTTGT ATTTTTTCAG TAGAGACGGG GTTTCACCAT GTTGGCCAGA 152851 CTGGTCTCGA ACTCCTGACT TITGTGATCCG CCCACCTTAG CCTCCCAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCACGC CCAGCCTGTT TTATCACTT 152951 ATAATCATTA TTTTTACTGT AGCTTACTTA ATGCCTTGTG TTGAGTTGAA
152601 AACATIGITAT TITTIGGITTIT TICTCAATTIGT TICCATCTCTT TITTIGGGGGA 152651 GGTGGGAACG GAGTCTTGCT TITGTCGCCCA GGCTGGAGTG CAGTGGCGA 152701 ATCTCAGTTC ACTGCAACCT CTGCCTCCTG GGTTCAAGCA ATTCTCCTG 152751 CTCAGCCTCC CAAGTAGCTG GGATTACAGG TGCATGCCAC CATGCCCGG 152801 TAATTTTTGT ATTTTTTCAG TAGGACGGG GTTTCACCAT GTTGGCCAG 152851 CTGGTCTGAA ACTCCTGACT TIGTGATCCG CCCACCTTAG CCTCCCAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCACGC CCAGCCTGTT TTATCACTT 152951 ATAATCATTA TTTTTACTGT AGCTTACTTA ATGCCTTGTG TTGAGTTGA 153001 CGTCTAAAGC AATTAGGATA TTGGTAATGT TTCTGTTTGT GAAATGATT
152601 AACATIGITAT TITTIGGITTIT TICTCAATTIGT TICCATCTCTT TITTIGGGGGA 152651 GGTGGGAACG GAGTCTTGCT TITGTCGCCCA GGCTGGAGTG CAGTGGCGAA 152701 ATCTCAGTTC ACTGCAACCT CTGCCTCCTG GGTTCAAGCA ATTCTCCTG 152751 CTCAGCCTCC CAAGTAGCTG GGATTACAGG TGCATGCCCAC CATGCCCGG 152801 TAATTTTTGT ATTTTTTCAG TAGAGACGGG GTTTCACCAT GTTGGCCAG 152851 CTGGTCTGAA ACTCCTGACT TTGTGATCCG CCCACCTTAG CCTCCCAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCAGG CCAGCCTGTT TTATCACTT 152951 ATAATCATTA TTTTTACTGT AGCTTACTTA ATGCCTTGTG TTGAGTTGA 153001 CGTCTAAAGC AATTAGGATA TTGGTAATGT TTCTGTTTGT GAAATGATT 153051 ACGCAATCTT GGCTTACTGT AACCTTCGCC TCCCAGGTTC AAGCGATTCC
152601 AACATIGITAT TITTIGGITTIT TICTCAATTIGT TICCATCTCTT TITTIGGGGGA 152651 GGTGGGAACG GAGTCTTGCT TITGTCGCCCA GGCTGGAGTG CAGTGGCGAA 152701 ATCTCAGTTC ACTGCAACCT CTGCCTCCTG GGTTCAAGCA ATTCTCCTG 152751 CTCAGCCTCC CAAGTAGCTG GGATTACAGG TGCATGCCAC CATGCCCGG 152801 TAATTTTTGT ATTTTTTCAG TAGAGACGGG GTTTCACCAT GTTGGCCAG 152851 CTGGTCTGAA ACTCCTGACT TTGTGATCCG CCCACCTTAG CCTCCCAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCAGG CCAGCCTGTT TTATCACTT 152951 ATAATCATTA TTTTTACTGT AGCTTACTTA ATGCCTTGTG TTGAGTTGA 153001 CGTCTAAAGC AATTAGGATA TTGGTAATGT TTCTGTTTGT GAAATGATT 153051 ACGCAATCTT GGCTTACTGT AACCTTCGCC TCCCAGGTTC AAGCGATTC 153101 CCTGCCTCAG CCTCTCGAGT AGCTGGGATT ACAGGCGCCT GCCACCATA
152601 AACATIGITAT TITTIGGITTIT TICTCAATTIGT TICCATCTCTT TITTIGGGGGGGGGGGGGGGGGGGGGGGACG GAGTICTTGCT TITGTCGCCCA GGCTGGAGTG CAGTGGCGGACT 152701 ATCTCAGTTC ACTGCAACCT CTGCCTCCTG GGTTCAAGCA ATTCTCCTG 152751 CTCAGCCTCC CAAGTAGCTG GGATTACAGG TGCATGCCAC CATGCCCGGG 152801 TAATTTTTGT ATTTTTTCAG TAGAGACGGG GTTTCACCAT GTTGGCCAGA 152851 CTGGTCTCGA ACTCCTGACT TITGTGATCCG CCCACCTTAG CCTCCCAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCACGC CCAGCCTTGT TTATCACTT 152951 ATAATCATTA TITTTACTGT AGCTTACTGT ATGCCTTGTG TTGAGTTGATTGATTTGT 153001 CGTCTAAAGC AATTAGGATA TTGGTAATGT TTCTGTTTTGT GAAATGATTC 153101 CCTGCCTCAG CCTCCCAGGTT AACCTTCGCC TCCCAGGTTC AAGCGATTC 153101 CCTGCCTCAG CCTCCCGAGT AGCTGGGATT ACAGGCGCCT GCCACCATACTTTTINNNNNN NNNNNNNNN NNNNNNNNN NNNNNNNN
152601 AACATIGTAT TITTIGGTTTT TCTCAATTIGT TCCATCTCTT TTTTIGGGGGGGGGGGGGGGGGGGGGGGGGGGG
152601 AACATIGTAT TITTIGGTTTT TCTCAATTIGT TCCATCTCTT TTTTIGGGGGGATS 152651 GGTGGGAACG GAGTCTTGCT TTGTCGCCCA GGCTGGAGTG CAGTGGCGAACCT CTGCCTCCTG GGTTCAAGCA ATTCTCCTG 152751 CTCAGCCTCC CAAGTAGCTG GGATTACAGG TGCATGCCAC CATGCCCGG 152801 TAATTTTTGT ATTTTTTCAG TAGAGACGGG GTTTCACCAT GTTGGCCAGA 152851 CTGGTCTGGA ACTCCTGACT TTGTGATCCG CCCACCTTAG CCTCCCAAACCT TTGTGATCTA ATGCCTTGTG TTGAGTTGACT TTGTGATTGATT TTGTGATCGC TCCCAGGTTC AAGCGATTCCT AACCTTCGCC TCCCAGGTTC AAGCGATTCC AAGCGATTCC AACCTTCGCC TCCCAGGTTC AAGCGATTCCT AACCTTCGCC TCCCAGGTTC AAGCGATTCCTAGATT ACAGGCGCCT AACCTTCGCC TCCCAGGTTC AAGCGATTCCTAGATT ACAGGCGCCT AACCTTCGCC TCCCACCATACT AACCTTCGCC TCCCAGGTTC AACCTCAGTTC AACCTTCGCC TCCCACCATACT AACCTTCGCC TCCCACGATTC AACCTTCGCC TCCCACCATACT AACCTTCGCC TCCCACGCT AACCTCAGGTTC AACCTTCGCC TCCCACATACT AACCTTCGCC TCCCACGTTC AACCTTCAGGT
152601 AACATIGTAT TITTIGGTTTT TICTCAATTIGT TICCATCTCTT TTTTTGGGGGA 152701 ATCTCAGTTC ACTGCAACCT CTGCCTCCTG GGTTCAAGCA ATTCTCCTG 152751 CTCAGCCTCC CAAGTAGCTG GGATTACAGG TGCATGCCAC CATGCCCGG 152801 TAATTTTTTGT ATTTTTTCAG TAGAGACGGG GTTTCACCAT GTTGGCCAG 152851 CTGGTCTCGA ACTCCTGACT TTGTGATCCG CCCACCTTAG CCTCCCAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCACGC CCAGCCTTGTG TTTATCACTT 152951 ATAATCATTA TTTTTACTGT AGCTTACTTA ATGCCTTGTG TTGAGTTGA 153001 CGTCTAAAGC AATTAGGATA TTGGTAATGT TTCTGTTTGT GAAATGATT 153051 ACGCAATCTT GGCTTACTGT AACCTTCGCC TCCCAGGTTC AAGCGATTC 153101 CCTGCCTCAG CCTCCTCAGGT AGCTGGGATT ACAGGCGCCT GCCACCATA 153101 CCTGCCTCAG CCTCCTCAGGT AGCTGGGATT ACAGGCGCCT GCCACCATA 153101 CTGGCTAATT TTTNNNNNN NNNNNNNNN NNNNNNNNN NNNNNNN
152601 AACATIGTAT TITTIGGTTTT TICTCAATTIGT TICCATCTCTT TTTTTGGGGGA 152701 ATCTCAGTTC ACTICAACCT CTGCCTCCTG GGTTCAAGCA ATTCTCCTG 152751 CTCAGCCTCC CAAGTAGCTG GGATTACAGG TGCATGCCAC CATGCCCGG 152801 TAATTTTTGT ATTTTTTCAG TAGAGACGGG GTTTCACCAT GTTGGCCAG 152851 CTGGTCTCGA ACTCCTGACT TTGTGATCCG CCCACCTTAG CCTCCCAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCACGC CCAGCCTTAG CCTCCCAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCACGC CCAGCCTTGT TTATCACTT 152951 ATAATCATTA TTTTTACTGT AGCTTACTTA ATGCCTTGTG TTGAGTTGA 153001 CGTCTAAAGC AATTAGGATA TTGGTAATGT TTCTGTTTGT GAAATGATT 153051 ACGCAATCTT GGCTTACTGT AACCTTCGCC TCCCAGGTTC AAGCGATTC 153101 CCTGCCTCAG CCTCCTGAGT AGCCTGGGATT ACAGGCGCCT GCCACCATA 153151 CTGGCTAATT TTTNNNNNN NNNNNNNNN NNNNNNNNN NNNNNNN
152601 AACATIGTAT TITTIGGTTTT TICTCAATTIGT TICCATCTCTT TTTTTGGGGGA 152701 ATCTCAGTTC ACTICAACCT CTGCCTCCTG GGTTCAAGCA ATTCTCCTG 152751 CTCAGCCTCC CAAGTAGCTG GGATTACAGG TGCATGCCAC CATGCCCGG 152801 TAATTTTTGT ATTTTTTCAG TAGAGACGGG GTTTCACCAT GTTGGCCAG 152851 CTGGTCTGAA ACTCCTGACT TTGTGATCCG CCCACCTTAG CCTCCCAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCACGC CCAGCCTTAG CCTCCCAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCACGC CCAGCCTTGTG TTTATCACTT 152951 ATAATCATTA TTTTTACTGT AGCTTACTTA ATGCCTTGTG TTGAGTTGA 153001 CGTCTAAAGC AATTAGGATA TTGGTAATGT TTCTGTTTTG GAAATGATT 153051 ACGCAATCTT GGCTTACTGT AACCTTCGCC TCCCAGGTTC AAGCGATTC 153101 CCTGCCTCAG CCTCTCGAGT AGCTGGGATT ACAGGCGCCT GCCACCATA 153151 CTGGCTAATT TTTNNNNNN NNNNNNNNN NNNNNNNNN NNNNNNN
152601 AACATIGTAT TITTIGGTTTT TICTCAATTIGT TICCATCTCTT TTTTTGGGGGA 152701 ATCTCAGTTC ACTICAACCT CTGCCTCCTG GGTTCAAGCA ATTCTCCTG 152751 CTCAGCCTCC CAAGTAGCTG GGATTACAGG TGCATGCCAC CATGCCCGG 152801 TAATTTTTGT ATTTTTTCAG TAGAGACGGG GTTTCACCAT GTTGGCCAG 152851 CTGGTCTCGA ACTCCTGACT TTGTGATCCG CCCACCTTAG CCTCCCAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCACGC CCAGCCTTGTG TTTATCACTT 152951 ATAATCATTA TTTTTACTGT AGCTTACTGT ATGCTTGTGT TTGAGTTGGA 153001 CGTCTAAAGC AATTAGGATA ATGCTTACTGT TTCTGTTTTTT 153001 CCTGCCTCAG CCTCCCAGGTT AACCTTCGCC TCCCAGGTTC AAGCGATTC 153101 CCTGCCTCAG CCTCTCGAGT AGCTGGGATT ACAGGCGCCT GCCACCATA 153151 CTGGCTAATT TTTNNNNNN NNNNNNNNN NNNNNNNNN NNNNNNN
152601 AACATIGTAT TITTIGGTTTT TICTCAATTIGT TICCATCTCTT TTTTTGGGGGA 152701 ATCTCAGTTC ACTICAACCT CTGCCTCCTG GGTTCAAGCA ATTCTCCTG 152751 CTCAGCCTCC CAAGTAGCTG GGATTACAGG TGCATGCCAC CATGCCCGG 152801 TAATTTTTGT ATTTTTCAG TAGAGACGGG GTTTCACCAT GTTGGCCAG 152851 CTGGTCTCGA ACTCCTGACT TTGTGATCCG CCCACCTTAG CCTCCCAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCACGC CCAGCCTTAG CCTCCCAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCACGC CCAGCCTTTTTTTACTGT AGCTTACTGT ATTCTTCTTTTTACTGT AGCTTACTGT ATTCTCTTTTTTTTTT
152601 AACATIGTAT TITTIGGTTTT TICTCAATTIGT TICCATCTCTT TTTTTGGGGGGGGGGGGGGGGGGGGGGGGG
152601 AACATIGTAT TITTIGGTTTT TCTCAATTGT TCCATCTCTT TTTTTGGGGGA 152701 ATCTCAGTTC ACTGCAACCT CTGCCTCCTG GGTTCAAGCA ATTCTCCTG 152751 CTCAGCCTCC CAAGTAGCTG GGATTACAGG TGCATGCCAC CATGCCCGG 152801 TAATTTTTGT ATTTTTTCAG TAGAGACGGG GTTTCACCAT GTTGGCCAG 152851 CTGGTCTCGA ACTCCTGACT TTGTGATCCG CCCACCTTAG CCTCCCAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCACGC CCAGCCTGTT TTATCACTT 152951 ATAATCATTA TTTTTACTGT AGCTTACTTA ATGCCTTGTGT TTGAGTTCAT 153001 CGTCTAAAGC AATTAGGATA TTGGTAATGT TTCTGTTTTGT GAAATGATT 153051 ACGCAATCTT GGCTTACTGT AACCTTCGCC TCCCAGGTTC AAGCGATTC 153101 CCTGCCTCAG CCTCCGAGT AACCTTCGCC TCCCAGGTTC AAGCGATTC 153101 CCTGCCTCAG CCTCCTGGGTT ACAGGCGCCT GCCACCATA 153151 CTGGCTAATT TTTNNNNNN NNNNNNNNN NNNNNNNNN NNNNNNN
152601 AACATGGTAT TITTGGGTTTT TCTCAATTGT TCCATCTCTT TTTTGGGGGG 152651 GGTGGGAACG GAGTCTTGCT TTGTCGCCCA GGCTGGAGTG CAGTGGCGAA 152701 ATCTCAGTTC ACTGCAACCT CTGCCTCCTG GGTTCAAGCA ATTCTCCTG 152751 CTCAGCCTCC CAAGTAGCTG GGATTACAGG TGCATGCCAC CATGCCCGG 152801 TAATTTTTTGA ATTTTTTTAC TAGAGAGAGGG GTTTCACCAT GTTGGCCCAA 152801 TGCTGGGATT ACAGGCATGA GCCACCAGGC CCCACCTTAG CCTCCCAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCAGGC CCCAGCCTGTT TTATCACTT 152951 ATAATCATTA TTTTTACTGT AGCTTACTTA ATGCCTTGTG TTGAGTTGA 153001 CGTCTAAAGC AATTAGGATA TTGGTAATGT TTCTGTTTGT GAAATGATT 153051 ACGCAATCTT GGCTTACTGT AACCTTCGCC TCCCAGGTTC AAGCGATTC 153101 CCTGCCTCAG CCTCTCGAGT AGCTTGGGATT ACAGGGGGCCT GCCACCATA 153151 CTGGCTAATT TTTNNNNNN NNNNNNNNN NNNNNNNNN NNNNNNN
152601 AACATIGTAT TITTIGGITTIT TICTCAATIGT TICCATCITT TITTIGGGGGA 152701 ATCTCAGTTC ACTGCAACCT CTGCCTCCIG GGTTCAAGCA ATTCTCCTG 152751 CTCAGCCTCC CAAGTACCTG GGATTACAGG TGCATGCCAC CATGCCCGG 152801 TAATTTTTIGT ATTTTTCAG TAGAGACGG GTTTCACCAT GTTGGCCAG 152801 TGCTGGGATT ACAGGCATGA TTGTGATCCG CCCACCTTAG CCTCCCAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCAGGC CCAGCCTTTT TTATCACTT 152901 TGCTGGGATT ACAGGCATGA GCCACCAGGC CCAGCCTTTT TTATCACTT 152901 ATAATCATTA TTTTTACTGT AGCTTACTTA ATGCCTTAG CTTCCCAAA 152901 CGTCTAAAGC AATTAGGATA TTGGTAATGT TTCTGTTTGT TAGAGTGAT 153001 CGTCTAAAGC AATTAGGATA TTGGTAATGT TTCTGTTTGT GAAATGATT 153051 ACGCAATCTT GGCTTACTGT AACCTTCGCC TCCCAGGTTC AAGCGATTC 153101 CCTGCCTCAG CCTCTCGAGT AGCTTGGGAT ACAGGGGGCCT GCCACCATAC 153151 CTGGCTAATT TTTNNNNNN NNNNNNNNN NNNNNNNNN NNNNNNN
152601 AACATGGTAT TITTGGGTTTT TCTCAATTGT TCCATCTCTT TTTTGGGGGG 152651 GGTGGGAACG GAGTCTTGCT TTGTCGCCCA GGCTGGAGTG CAGTGGCGAA 152701 ATCTCAGTTC ACTGCAACCT CTGCCTCCTG GGTTCAAGCA ATTCTCCTG 152751 CTCAGCCTCC CAAGTAGCTG GGATTACAGG TGCATGCCAC CATGCCCGG 152801 TAATTTTTTGA ATTTTTTTAC TAGAGAGAGGG GTTTCACCAT GTTGGCCCAA 152801 TGCTGGGATT ACAGGCATGA GCCACCAGGC CCCACCTTAG CCTCCCAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCAGGC CCCAGCCTGTT TTATCACTT 152951 ATAATCATTA TTTTTACTGT AGCTTACTTA ATGCCTTGTG TTGAGTTGA 153001 CGTCTAAAGC AATTAGGATA TTGGTAATGT TTCTGTTTGT GAAATGATT 153051 ACGCAATCTT GGCTTACTGT AACCTTCGCC TCCCAGGTTC AAGCGATTC 153101 CCTGCCTCAG CCTCTCGAGT AGCTTGGGATT ACAGGGGGCCT GCCACCATA 153151 CTGGCTAATT TTTNNNNNN NNNNNNNNN NNNNNNNNN NNNNNNN

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154001					
	GCATGAAAAG	ппппппп	CCTTACCTGT	GATTTAAAAC	AAATTCAAAA
154051	TAAAAAACAG	TTATACAGTT	TTAGTTTTTC	CITATITICI	GATGAGITCI
154101	CATGTAAAAA	CTGCTTATAA	TAAAGCTTAG	ATATGATATT.	CTTTTAACTT
154151	<b>AGTTATCTGT</b>	TGATGTGTAC	AGTTATTTAT.	GTTTGCAACA	TTCATCCTAG
154201	<b>GGTTTAAGAT</b>	<b>ATAAAATTAT</b>	TTTTTAATTA	TATGATGAAA	ATTTATGTAC
154251	ATTTAGATTG	CCTTTATTTT	TATTTTTATT	типпп	AGAGATGGGG
154301	TGAGTCAGTC	TCTTAGCCTT	TTTTTGGGGG	GTGGGGGGTG	ATAAACAAGT
154351	AAACATAGAA	GAGATTACCA	<b>GTCAGTATAT</b>	ATTCAGTGAC	ATTITATGIC
154401	TTGGGTTAGG	CATTITITIC	CCTCTTAAA	GGAGACTTTT	TGCTTTTGAC
154451	CCCCAAAAGA	AATCAGTGTA	GAAATAAAGA	TAACTICCAAC	ACTGICTITA
15/501	GCCTTATTTT	CAACTICACAC	CTATICTACTE	ACTACTATCE	ACTATCTACT
	GAGCTCAGGT				
	CACAGATTTA				
124021	ATCATTTTGG	GGAVACICAA	GCCCIGIGCI	GIGIGIGIGI	GIGIGGIGGI
154/01	GGTGGGGCGG	GGGGTTGTG	IGGIGIGIGE	AIGIGIGIAA	ACTICACTO
154/51	TTTTCCTGT	IGHGHH		TTTGAGACAG	AGICICACII
154801	TGTTGCCCAG	GCTGGAGTGC	AGTGGCGCGA	TCTCAGCTCA	CIGCAAGCIC
	CCCCTCCTGG				
	GGCTACAGGC				
154951	GAGATGGGGT	TTCACCATGT	TGGCCAGGAT	GGTCTCGATC	TCCTGACCTC
155001	GTGATCTGCC	TGCCTCGGCC	<b>TCCCAAAGTG</b>	CTGGGATTAC	AGGTGTGAGC
155051	CACCGTGCCT	GGCCCCTTTT	TTTCCTATCT	TAAAACCACT	TACTGGCTCT
155101	<b>GTTACCTGCA</b>	<b>TGATGTCTAA</b>	<b>GTCAAGAACT</b>	<b>GTGAAAGATC</b>	TGGGGTTTTC
155151	TACTTGCAGG	CTAACAAGTA	<b>GCCTTCCACA</b>	<b>GTTGCATGGA</b>	TACTGGCAGA
155201	AACCATGAGG	CTCATGGGTC	AGAAACGAAT	<b>GACTICATTA</b>	TTCACAGCAC
155251	AGCAAGCAGC	AAGAATATCT	GIATGITIGI	ATCAGTTCCT	CCTTTACACT
155301	GCATCCAAAA	CACCTCATCC	ATATGGGCCA	TATEGATATC	TGCACATCTG
155351	GTAGGTTGCA	TTACAGGACA	GGAATCCCAC	TCTTGGTTAA	CTCAGATCTT
	TTATCITGGG				
	GAATIGIGIA				
122421	GGGGACGTTG	GCTTCTGAAG	CICIANOCAA	CCATTITAAC	TCTACAATTC
T2220T	GGGGACGIIG	COCCATO	ACAATATTAT	CCACCCATCA	CCACTAATTC
	AGTGGTACTT				
	CAGAACATTT				
155651	ATGTGAAAGA	CCCGTGGAGA	ATTGTCTCCC	AAAACACACA	TIATTIGIAA
155701	GAGAAAATCA	TATCTTACAC	AGATTATATT	AATGGCAAAG	TAGCATGGGA
155751	GAGGGTCACA	GAAGTGGGTT	GGACGATTCC	GTTAAAAGCA	GGGAACATTC
155801	TAGTTAAGGC	<b>ACTTGGATAG</b>	<b>GCATTGGGTG</b>	AGAGTTTICA	TGICITTICI
155851	<b>GCTAGATTGT</b>	TCCTGTTTT	TTTCTCTATG	TGCACCTGAT	TTTATGCTTT
155901	TTTTCATCTA	<b>GCACATTATC</b>	TTTAATATAT	TTGACATTGA	ACATTIGITI
155951	<b>GTTAAACCAC</b>	CAAAAAGTTT	CAAACAAGAG	<b>AAATCTGTTT</b>	TGACTGTTGG
	AAGGCAGAGA				
156051	CCTTAATGAA	CCTCAACCAA	TAAAAGACTG	TACATATCAC	
156101		CHICARRA		IACATATGAG	GTGTGTAGTA
	TIAGGIGIT	TGTGAAATCA	TATACCCAGT	AGAACAAAAC	GTGTGTAGTA ACTGATTTTG
156151	TTAGCGTGTT	TGTGAAATCA	TATACCCAGT	AGAACAAAAC	ACTGATTTTG
156151 156201	TTAGCGTGTT	TGTGAAATCA ATGTGCACAT	TATACCCAGT	AGAACAAAAC TGCATTAATA	ACTGATTTTG ATAGCTAGTC
156201	TTAGCGTGTT CTGCTTTTGA AGTGTTTGGA	TGTGAAATCA ATGTGCACAT ACTGAGACTT	TATACCCAGT ATTATTTTIG TIGICTAGAA	AGAACAAAAC TGCATTAATA TTGTATAGAG	ACTGATTTTG ATAGCTAGTC GTAAAGAGCA
156201 156251	TTAGCGTGTT CTGCTTTTGA AGTGTTTGGA TGGATTTACG	TGTGAAATCA ATGTGCACAT ACTGAGACTT TAGGCTTAGT	TATACCCAGT ATTATTTTIG TIGTCTAGAA AGAAGAACTA	AGAACAAAAC TIGCATTAATA TIGTATAGAG ATTITAAAAT	ACTGATTTTG ATAGCTAGTC GTAAAGAGCA AAATGGTCAC
156201 156251 156301	TTAGCGTGTT CTGCTTTTGA AGTGTTTGGA TGGATTTACG ATCATAAGAC	TIGTGAAATCA ATIGTGCACAT ACTGAGACTT TAGGCTTAGT CTAAGTCAGG	TATACCCAGT ATTATTTTTG TTGTCTAGAA AGAAGAACTA TTATCAATAA	AGAACAAAAC TIGCATTAATA TIGTATAGAG ATTITAAAAT ATATTTATAA	ACTGATTTTG ATAGCTAGTC GTAAAGAGCA AAATGGTCAC GTGTCTGTAA
156201 156251 156301 156351	TTAGCGTGTT CTGCTTTTGA AGTGTTTGGA TGGATTTACG ATCATAAGAC CTTGCAAGGC	TIGTIGAAATCA ATIGTIGCACAT ACTIGAGACTT TAGGICTTAGT CTAAGTICAGG CATIGTICAGGT	TATACCCAGT ATTATTTTIG TIGTCTAGAA AGAAGAACTA TTATCAATAA AATGTTCAGC	AGAACAAAAC TIGCATTAATA TTIGTATAGAG ATTITAAAAT ATATTTATAA AGTCCCCAAC	ACTGATTTTG ATAGCTAGTC GTAAAGAGCA AAATGGTCAC GTGTCTGTAA TTCAATCTAG
156201 156251 156301 156351 156401	TTAGCGTGTT CTGCTTTTGA AGTGTTTGGA TGGATTTACG ATCATAAGAC CTTGCAAGGC AATGGAGATG	TIGTIGAAATCA ATIGTIGCACAT ACTIGAGACTT TAGGCTTAGT CTAAGTCAGG CATIGTICAGGT GCTACCAAAA	TATACCCAGT ATTATTTTTG TIGTCTAGAA AGAAGAACTA TTATCAATAA AATGTTCAGC AGTATCTTTG	AGAACAAAAC TIGCATTAATA TIGTATAGAG ATTITAAAAT ATATTTATAA AGTCCCCAAC GATTCCTAGG	ACTGATTTTG ATAGCTAGTC GTAAAGAGCA AAATGGTCAC GTGTCTGTAA TTCAATCTAG ACCCACAGAG
156201 156251 156301 156351 156401 156451	TTAGCGTGTT CTGCTTTTGA AGTGTTTGGA TGGATTTACG ATCATAAGAC CTTGCAAGGC AATTGACAGATG ATTGACTCAG	TIGTIGAAATCA ATIGTIGCACAT ACTIGAGACTT TAGGCTTAGT CTAAGTICAGG CATIGTICAGGT GCTACCAAAA TIGGGTTTIGAT	TATACCCAGT ATTATTTTTG TIGTCTAGAA AGAAGAACTA TTATCAATAA AATGTTCAGC AGTATCTTTG TGTTACCCTG	AGAACAAAAC TIGCATTAATA TTIGTATAGAG ATTITTAAAAT ATATTTATAA AGTCCCCAAC GATTCCTAGG GATTCATGGG	ACTGATTTTG ATAGCTAGTC GTAAAGAGCA AAATGGTCAC GTGTCTGTAA TTCAATCTAG ACCCACAGAG TAACACTAAA
156201 156251 156301 156351 156401 156451 156501	TTAGCGTGTT CTGCTTTTGA AGTGTTTGGA TGGATTTACG ATCATAAGAC CTTGCAAGGC AATGGAGATG ATTGACTCAG TGGTTACCCA	TIGTIGAAATCA ATIGTIGCACAT ACTIGAGACTT TAGGCTTAGT CTAAGTCAGG CATIGTCAGGT GCTACCAAAA TIGGGTTTIGAT TIGGGTAATCT	TATACCCAGT ATTATTTTTG TIGTCTAGAA AGAAGAACTA TTATCAATAA AATGTTCAGC AGTATCTTTG TGTTACCCTG AAAGCACAGC	AGAACAAAAC TIGCATTAATA TIGTATAGAG ATTITAAAAT ATATTTATAA AGTCCCCAAC GATTCCTAGG GATTCATGGG TAGATTTCTG	ACTGATTTTG ATAGCTAGTC GTAAAGAGCA AAATGGTCAC GTGTCTGTAA TTCAATCTAG ACCCACAGAG TAACACTAAA AACCTTTATT
156201 156251 156301 156351 156401 156451 156501 156551	TTAGCGTGTT CTGCTTTTGA AGTGTTTGGA TGGATTTACG ATCATAAGAC CTTGCAAGGC AATTGACATG ATTGACTACA TTGACTACA TCAGGATAGC	TIGTGAAATCA ATIGTGCACAT ACTIGAGACTT TAGGICTTAGT CTAAGTICAGGT GCTACCAAAA TIGGGTTAGCT TIGGAAAACAT	TATACCCAGT ATTATTTTG TIGTCTAGAA AGAAGAACTA TTATCAATAA AATGTTCAGC AGTATCTTTG TIGTTACCCTG AAAGCACAGC AGAGATGAGA	AGAACAAAAC TIGCATTAATA TIGTATAGAG ATTITAAAAT ATATTTATAA AGTCCCCAAC GATTCCTAGG GATTCATGGG TAGATTTCTG CATTAAAGCC	ACTGATTTTG ATAGCTAGTC GTAAAGAGCA AAATGGTCAC GTGTCTTGTAA TTCAATCTAG ACCCACAGAG TAACACTAAA AACCTTTATT COCAGTCCTC
156201 156251 156301 156351 156401 156451 156501 156551 156601	TTAGCGTGTT CTGCTTTTGA AGTGTTTGGA TGGATTTACG ATCATAAGAC CTTGCAAGGC AATTGACTGA ATTGACTACA TTGACTACA TCAGGATAGC TAACAGCTAC	TIGTGAAATCA ATIGTGCACAT ACTIGAGACTT TAGGCTTAGT CTAAGTCAGG CATIGTCAGGT GCTACCAAAA TIGGGTTAGAT TIGGAAAACAT CTCCGACCAG	TATACCCAGT ATTATTTTG TIGTCTAGAA AGAAGAACTA TTATCAATAA AATGTTCAGC AGTATCTTTG TGTTACCCTG TGTTACCCTG AAAGCACAGC AGAGATGAGA TICTTTGTTT	AGAACAAAAC TIGCATTAATA TIGTATAGAG ATTITAAAAT ATATTTATAA AGTCCCCAAC GATTCCTAGG GATTCATGGG TAGATTTCTG CATTAAAGCC AGCATAAGGA	ACTGATTTTG ATAGCTAGTC GTAAAGAGCA AAATGGTCAC GTGTCTGTAA TTCAATCTAG ACCCACAGAG TAACACTAAA AACCTTTATT CCCAGTCCTC TTACCTTCAC
156201 156251 156301 156351 156401 156451 156501 156551 156601 156651	TTAGCGTGTT CTGCTTTTGA AGTGTTTGGA TGGATTTACG ATCATAAGAC CTTGCAAGGC AATTGACTCAG TTGACTCAG TCAGGATACC TAACAGCTAC CTAGGAACTT CTAGGAACTT	TIGTGAAATCA ATIGTGCACAT ACTIGAGACTT TAGGCTTAGT CTAAGTCAGG CATIGTCAGGT GCTACCAAAA TIGGGTTTGAT TIGGGTAATCT TIGAAAAACAT CTCCGACCAG TTTIGAAGTGT	TATACCCAGT ATTATTTTIG TIGTCTAGAA AGAAGAACTA TTATCAATAA AATGTTCAGC AGTATCTTTG TGTTACCCTG AAAGCACAGC AGAGATGAGA TICTTTGTTT CCAGTGCCCT	AGAACAAAAC TIGCATTAATA TIGTATAGAG ATTITAAAAT ATATTTATAA AGTCCCCAAC GATTCCTAGG GATTCATAGG TAGATTTCTG CATTAAAGCC AGCATAAGGA CCTTIGTGCT	ACTGATTTTG ATAGCTAGTC GTAAAGAGCA AAATGGTCAC GTGTCTGTAA TTCAATCTAG ACCCACAGAG TAACACTAAA AACCTTAAT CCCAGTCCTC TTACCTTCAC CTGATTTTCT
156201 156251 156301 156351 156401 156451 156501 156651 156601 156651 156701	TTAGCGTGTT CTGCTTTTGA AGTGTTTGGA TGGATTTACG ATCATAAGAC CTTGCAAGGC AATTGACTCAG TTGACTCAG TCAGGATAGC TCAGGATACC TAACAGCTAC CTAGGAACTT TCTGTTTTGC TCTGTTTTTGC	TIGTGAAATCA ATIGTGCACAT ACTIGAGACTT TAGGCTTAGT CTAAGTCAGG CATIGTCAGGT GCTACCAAAA TIGGGTTTIGAT TIGGAAAAATCT TIGAAAAATCT CTCCGACCAG ATTIGAAGTIGT ATTIGTTTIGAG	TATACCCAGT ATTATTTTIG TIGTCTAGAA AGAAGAACTA TTATCAATAA AATGTTCAGC AGTATCTTTG TIGTTACCCTIG AAAGCACAGC AGAGATGAGA TTCTTTIGTT CCAGTGCCCT AAGTTATGTT	AGAACAAAAC TIGCATTAATA TIGTATAGAG ATTITTAAAAT ATATTTATAA AGTCCCCAAC GATTCCTAGG GATTCATGGG TAGATTTCTG CATTAAAGCA CAGCATAAAGGA CCTTTGTGCT GTTATTACTG	ACTGATTTTG ATAGCTAGTC GTAAAGAGCA AAATGGTCAC GTGTCTGTAA TTCAATCTAG ACCCACAGAG TAACACTAAA AACCTTAAT CCCAGTCCTC TTACCTTCAC CTGATTTTCT TTTTTATGAG
156201 156251 156301 156351 156401 156551 156501 156651 156701 156751	TTAGCGTGTT CTGCTTTTGA AGTGTTTGGA TGGATTTACG ATCATAAGAC CTTGCAAGGC AATTGACTCAG TTGACTCAG TCAGGATAGC TAACAGCTAC CTAGGAACTT TCTGTTTTGC GGGAATGGTG GGGAATGGTG	TIGTGAAATCA ATIGTGCACAT ACTIGAGACTT TAGGCTTAGT CTAAGTCAGG CATIGTCAGGT GCTACCAAAA TIGGGTTTIGAT TIGGAAAAATCT TIGAAAAATCT CTCCGACCAG TTTIGAAGTIGT ATTIGTTTIGAG TTIAGGAATGA	TATACCCAGT ATTATTTTIG TIGTCTAGAA AGAAGAACTA TTATCAATAA AATGTTCAGC AGTATCTTTG TIGTTACCCTIG AAAGCACAGC AGAGATGAGA TTCTTTIGTT CCAGTGCCCT AAGTTATGTT GGGGTTCTCT	AGAACAAAAC TIGCATTAATA TIGTATAGAG ATTITAAAAT ATATTTATAA AGTCCCCAAC GATTCCTAGG GATTCATGGG TAGATTTCTG CATTAAAGCA CCTTTGTGCT GTTATTACTG TTCTATAACA	ACTGATTTTG ATAGCTAGTC GTAAAGAGCA AAATGGTCAC GTGTCTGTAA TTCAATCTAG ACCCACAGAG TAACACTAAA AACCTTTAT CCCAGTCCTC TTACCTTCAC CTGATTTTCT TTTTTATGAG CTCCTTGAGG
156201 156251 156301 156351 156401 156551 156501 156651 156701 156751 156801	TTAGCGTGTT CTGCTTTTGA AGTGTTTGGA TGGATTTACG ATCATAAGAC CTTGCAAGGC AATTGACTCAG TTGACTCAG TGGTTACCCA TCAGGATAGC TAACAGCTAC CTAGGAACTT TCTGTTTTGC GGGAATTGTG GAATAGGGAC GAATAGGGAC	TIGTGAAATCA ATGTGCACAT ACTGAGACTT TAGGCTTAGT CTAAGTCAGG CATGTCAGGT GCTACCAAAA TIGGGTTTGAT TIGGGTAATCT TIGAAAAATCT CTCCGACCAG TTTGAAGTGT ATTGTTTGAG TTAGGAATGA AGTCTTCTTT	TATACCCAGT ATTATTTTIG TIGTCTAGAA AGAAGAACTA TTATCAATAA AATGTTCAGC AGTATCTTTG TIGTTACCCTG AAAGCACAGC AGAGATGAGA TTCTTTIGTTT CCAGTGCCCT AAGTTATGTT GGGGTTCTCT AATCTTCTCA	AGAACAAAAC TIGCATTAATA TIGTATAGAG ATTITAAAAT ATATTTATAA AGTCCCCAAC GATTCCTAGG GATTCATGGG TAGATTTCTG CATTAAAGGA CCTTTGTGCT GTTATTACTG TTCTATAACA TTTCTGTTTCT	ACTGATTTTG ATAGCTAGTC GTAAAGAGCA AAATGGTCAC GTGTCTGTAA TTCAATCTAG ACCCACAGAG TAACACTAAT ACCCTTAAT CCCAGTCCTC TTTTTTATGAG CTCCTTGAGG CTCAAAGTAGT
156201 156251 156301 156351 156401 156451 156501 156651 1566701 156751 156801 156851	TTAGCGTGTT CTGCTTTTGA AGTGTTTGGA TGGATTTACG ATCATAAGAC CTTGCAAGGC AATTGACTCAG TTGGTTACCCA TCAGGATAGC TAACAGCTAC TAACAGCTAC TCAGGAATAGC GGGAATGGTG GAATAGGGAC GCCTGCCAGC	TIGTGAAATCA ATGTGCACAT ACTGAGACTT TAGGCTTAGT CTAAGTCAGG CATGTCAGGT GCTACCAAAA TGGGTTTGAT TGGGTAATCT TGAAAAACAT CTCCGACCAG TTTGAATTGAT ATTGGTTTGAG ATTGTTTGAG AGTCTTCTTT TAGTGTTTAT	TATACCCAGT ATTATTTTIG TIGTCTAGAA AGAAGAACTA TTATCAATAA AATGTTCAGC AGTATCTTTG TGTTACCCTG AAAGCACAGC AGAGTGACA TICTTTGTTT CCAGTGCCCT AAGTTATGTT GGGGTTCTCT AATCTTCTCA TGAACAAATA	AGAACAAAAC TIGCATTAATA TIGTATAGAG ATTITAAAAT ATATTTATAA AGTCCCCAAC GATTCCTAGG GATTCATGGG TAGATTTCTG CATTAAAGCC AGCATAAGGA CCTTIGTGCT GTTATTACTG TTCTATAACA TTTCTGTTTC AATTGAATTG	ACTGATTTTG ATAGCTAGTC GTAAAGAGCA AAATGGTCAC GTGTCTGTAA TTCAATCTAG ACCCACAGAG TAACACTAAA AACCTTTATT CCCAGTCCTC TTACCTTCAC CTGATTTTCC CTGATTTTCT TTTTTATGAG CTCCTTGAGG CTAAAGTAGT AATGAATTGT
156201 156251 156301 156351 156401 156451 156501 156651 156601 156751 156801 156851 156901	TTAGCGTGTT CTGCTTTTGA AGTGTTTGGA TGGATTTACG ATCATAAGAC CTTGCAAGGC AATTGACTCAG TTGGTTACCCA TCAGGATAGC TAACAGCTAT TCTGTTTTGC GGGAATGGTG GAATAGGGAC GCCTGCCAGC TATACATTCT	TIGTGAAATCA ATGTGCACAT ACTGAGACTT TAGGCTTAGT CTAAGTCAGG CATGTCAGGT GCTACCAAAA TGGGTTTGAT TGGGTAATCT TGAAAAACAT CTCCGACCAG TTTGAAGTGA ATTGTTTGAG ATTGTTTGAG AGTCTTCTTT TAGTGTTTAT AATGAAATTA	TATACCCAGT ATTATTTTIG TIGTCTAGAA AGAAGAACTA TTATCAATAA AATGTTCAGC AGTATCTTTG TGTTACCCTG AAAGCACAGC AGAGTGACA TICTTTGTTT CCAGTGCCCT AAGTTATGTT GGGGTTCTCT AATCTTCTCA TGAACAAATA TTCCCCTTAT	AGAACAAAAC TIGCATTAATA TIGTATAGAG ATTITAAAAT ATATTTATAA AGTCCCCAAC GATTCCTAGG GATTCATGGG TAGATTTCTG CATTAAAGCC AGCATAAGGA CCTTIGTGCT GTTATTACTG TTCTATAACA TTTCTGTTTC AATTGAATTG	ACTGATTTTG ATAGCTAGTC GTAAAGAGCA AAATGGTCAC GTGTCTGTAA TTCAATCTAG ACCCACAGAG TAACACTAAA AACCTTTATT CCCAGTCCTC TTTACCTTCAC CTGATTTTCT TTTTTTATGAG CTCCTTGAGG CTAAAGTAGT AATGAATTGT GTCTTCCTCC
156201 156251 156301 156351 156401 156451 156501 156651 1566701 156751 156801 156851 156901 156951	TTAGCGTGTT CTGCTTTTGA AGTGTTTGGA TGGATTTACG ATCATAAGAC CTTGCAAGGC AATTGACTCAG TGGTTACCCA TCAGGATAGC TAACAGCTAC CTAGGAACTT TCTGTTTTGC GGGAATGGTG GAATAGGGAC TATACAGTTCT TGCCATGCCA	TIGTGAAATCA ATGTGCACAT ACTGAGACTT TAGGCTTAGT CTAAGTCAGG CATGTCAGGT GCTACCAAAA TGGGTTTGAT TGGGTAATCT TGAAAAACAT CTCCGACCAG TTTGAAGTGA ATTGTTTGAG ATTGTTTGAG ATTGTTTTAT AATGAAATTA CAATGATCTT	TATACCCAGT ATTATTTTIG TIGTCTAGAA AGAAGAACTA TTATCAATAA AATGTTCAGC AGTATCTTTG TGTTACCCTG AAAGCACAGC AGAGTGACA TICTTTGTTT CCAGTGCCCT AAGTTATGTT GGGGTTCTCT AATCTTCTCA TGAACAAATA TTCCCCTTAT TGCCTAACAT	AGAACAAAAC TIGCATTAATA TIGTATAGAG ATTITAAAAT ATATTTATAA AGTCCCCAAC GATTCCTAGG GATTCATGGG TAGATTTCTG CATTAAAGCC AGCATAAAGGA CCTTIGTGCT GITATTACTG TICTATAACA TITCTGTTTC AATTGAATTG TITTCTTCCA GAGATAAAAC GAGATAAAAAC	ACTGATTTTG ATAGCTAGTC GTAAAGAGCA AAATGGTCAC GTGTCTGTAA TTCAATCTAG ACCCACAGAG TAACACTAAA AACCTTTATT CCCAGTCCTC TTTACCTTCAC CTGATTTTCT TTTTTTATGAG CTCCTTGAGG CTAAAGTAGT AATGAATTGT GTCTTCCTCC TTACTTAGCT
156201 156251 156301 156351 156401 156451 156501 156651 156751 156801 156851 156901 156951 157001	TTAGCGTGTT CTGCTTTTGA AGTGTTTGGA TGGATTTACG ATCATAAGAC CTTGCAAGGC AATGGAGATG ATTGACTCAG TGGTTACCCA TCAGGATAGC TAACAGCTAC CTAGGAACTT TCTGTTTTGC GGGAATGGTG GAATAGGGAC GCCTGCCAGC TATACATTCT TGCCATGCCA	TIGTGAAATCA ATGTGCACAT ACTGAGACTT TAGGCTTAGT CTAAGTCAGG CATGTCAGGT GCTACCAAAA TGGGTTAGT TGGGTAATCT TGAAAAACAT CTCCGACCAG TTTGAAGTGT ATTGTTTGAG TTAGGAATGA AGTCTTCTTT TAGTGTTTATA AATGAAATTA CAATGATCTT TGCTTGGTAA	TATACCCAGT ATTATTTTIG TIGTCTAGAA AGAAGAACTA TTATCAATAA AATGTTCAGC AGTATCTTTG TIGTTACCCTG AAAGCACAGC AGAGATGAGA TICTTTGTTT CCAGTGCCCT AAGTTATGTT GGGGTTCTCT AATCTTCTCA TGAACAATA TTCCCCTTAAT TTGCCCTTAACAT ACTCAAGTAA	AGAACAAAAC TIGCATTAATA TIGTATAGAG ATTITAAAAT ATATTTATAA AGTCCCCAAC GATTCCTAGG GATTCCTAGG GATTCATAGG TAGATTTCTG CATTAAAGCC AGCATAAGGA CCTTIGTGCT GITATTACTG TICTATAACA TITCIGTTTC AATTGAATTG TITTICTTCAA GAGATAAAAC TACATTCACA	ACTGATTTTG ATAGCTAGTC GTAAAGAGCA AAATGGTCAC GTGTCTGTAA TTCAATCTAG ACCCACAGAG TAACACTAAA AACCTTTATT CCCAGTCCTC TTACCTTCAC CTGATTTTCT TTTTTATGAG CTCCTTGAGG CTAAAGTAGT AATGGATTGT GTCTTCCTCC TTACCTTAGCT CTTTCCAGTA
156201 156251 156301 156351 156401 156451 156501 156651 156751 156801 156851 156901 156951 157001 157001	TTAGCGTGTT CTGCTTTTGA AGTGTTTGGA TGGATTTACG ATCATAAGAC CTTGCAAGGC AATGGAGATG ATTGACTCAG TTGACTCAG TTGACTCAG TTAGCATAGC TAACAGCTAC CTAGGAACTT TCTGTTTTGC GGGAATGGTG GAATAGGGAC GCCTGCCAGC TATACATTCT TGCCATGCCA	TIGTGAAATCA ATGTGCACAT ACTGAGACTT TAGGCTTAGT CTAAGTCAGG CATGTCAGGT GCTACCAAAA TGGGTTTGAT TGGAAAACAT CTCCGACCAG TTTGAAGTGT ATTGTTTGAG TTAGGAATGA AGTCTTCTT TAGTGTTTAT AATGAAATTA CAATGAATTA CAATGATTT TGCTTGGTAA CCATCTTACT	TATACCCAGT ATTATTTTG TIGTCTAGAA AGAAGAACTA TTATCAATAA AATGTTCAGC AGTATCTTTG TIGTTACCCTG AAAGCACAGC AGAGATGACA TICTTTGTTT CCAGTGCCCT AAGTTATGTT GGGGTTCTCT AATCTTCTCA TGAACAAATA TTCCCCTTAACAT TGCCCTAACAT TACTCAAGTAA AATTCATTGG	AGAACAAAAC TIGCATTAATA TIGTATAGAG ATTITAAAAT ATATTTATAA AGTCCCCAAC GATTCCTAGG GATTCCTAGG TAGATTTCTG CATTAAAGCC AGCATAAGGA CCTTIGTGCT GITATTACTG TTCTATAACA TTTCTGTTTC AATTGAATTG	ACTGATTTTG ATAGCTAGTC GTAAAGAGCA AAATGGTCAC GTGTCTGTAA TTCAATCTAG ACCCACAGAG TAACACTAAA AACCTTTATT CCCAGTCCTC TTACCTTCAC CTGATTTTCT TTTTTATGAG CTCCTTGAGG CTAAAGTAGT AATGAATTGT GTCTTCCTCC TTACCTTACC
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157551 CTACCCTTICC TIGGTTCAAG CGATTCTCCT CCCTCAGCCT CCCGAGTAGC
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157601 TGGGACTACA GGCGCCCACT ACCACACCG GCTAAATTTT TGTATTTTTA
157651 GTAGAGATGG GGTTTCACCG TGTTAGCCAG GATGGTCTCG ATCGCCTGAC
157701 TTCGTGATCC ATGCGCCTTG GCCTCCCAAA GTGCTGAGAT TACATGCATC
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157801 TICCTIGGTT TCCTTICTIC TICTCTGATA CCCGTAAAAT TCATATATTC
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158301 TATTITTICT COGTIGATICTA TITICCATTICT CCAGGTACCA TCTTTATGAC
150301 IAITITIC OGGIGACIA TITOCATTO CAGGACCA COLLAGO
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150101 IGAMATOR TOCATOCAL GATINGLIC INCAMA INSTANCA
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159651 TTTICTTIGG TGAAGIGTTT GITCAGTTTT TGGCCTATTT TITTAATCIGC 159701 TIGTTTTCTT GITGAGTTTT AAGAATTICTT TGTATGTTTT GGATAACAGT 159751 CTTTATCACA TGTGTCTTTC GTAGACACTT TCTCCCAGTC TGTGGCTTGC 159801 CTTCTCATTT TCTTGATGTC GTCTTTTACA GAGCAGAAGG TTTTTGTTTT
159651 TTTICTTIGG TGAAGIGTTT GITCAGTTTT TGGCCTATTT TITTAATCIGC 159701 TIGTTTTCTT GITGAGTTTT AAGAATTICTT TGTATGTTTT GGATAACAGT 159751 CTTTATCACA TGTGTCTTTC GTAGACACTT TCTCCCAGTC TGTGGCTTGC 159801 CTTCTCATTT TCTTGATGTC GTCTTTTACA GAGCAGAAGG TTTTTGTTTT 159851 AATAATGGCC AGCTTATCAG TTGTTTTATT TGTGGATGAT GTCATTGCCC
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159651 TTTICTTIGG TGAAGTGTTT GTTCAGTTTT TGGCCTATTT TTTAATCTGC 159701 TIGTTTTCTT GTTGAGTTTT AAGAATTCTT TGTATGTTTT GGATAACAGT 159751 CTTTATCACA TGTGTCTTTC GTAGACACTT TCTCCCAGTC TGTGGCTTGC 159801 CTTCTCATTT TCTTGATGTC GTCTTTTACA GAGCAGAAGG TTTTTGTTTT 159851 AATAATGGCC AGCTTATCAG TTGTTTTATT TGTGGATGAT GTCATTGCCC 159901 TTGTACCTAA ATAGTCATTT CCATACCCAA GGTCATCTTG GTTTTCTCTT 159951 ATGCTGTCTT CTAGGTGTTT TATAATTTGT GTTTTACATG TAGGTCTGTC 160001 ATCTACTCCG AGTCAGTTTT TGGAAGAAGT GTAAGGGATG TGTCTAGATT 160051 CATTTTTTTT GCATGTGGAT GTACACTTGT TCCAGCATCA TTTGTTAAACAGCATCA TTTGTTTAAACAGCATCA TTTGTTAAACAGCATCA TTTGTTAAACAGCAGAAGAGA GTGAACACATCA TTTGTTAAACAGCAACAGAGAAGAAGAAGAAGAAGAAGAAGAAGAA
159651 TITICITIEG TGAAGIGITT GITCAGTITT TIGGCCIATIT TITIAATCIEC 159701 TIGITITICIT GITGAGITTT AAGAATICIT TIGTATGITTT GGATAACAGI 159751 CITTATCACA TIGIGICITIC GTAGACACTT TCTCCCAGIC TIGGCCTTEC 159801 CITCICATIT TCTTGATGIC GTCTTTTACA GAGCAGAAGG TITTTGTTT 159851 AATAATGGCC AGCTTATCAG TIGTTTTATT TIGGGATGAT GTCATTGCCC 159901 TIGTACCTAA ATAGTCATTT CCATACCCAA GGTCATCTTG GTTTTCTCT 159951 ATGCTGTCTT CTAGGTGTTT TATAATTTIGT GTTTTACATG TAGGTCTGTA 160001 ATCTACTCCG AGTCAGTTTT TGGAAGAAGT GTAAGGGATG TIGTCTAGATTAAAA 160101 GGACCATCTT TGCTCCCTTG TATTGCCTTT GCTACTATGC CAAAGATTAC
159651 TITICITIEG TGAAGIGITT GITCAGTITT TGGCCIATIT TITAATCIEC 159701 TIGITITCIT GITGAGITTT AAGAATICIT TGTATGITTT GGATAACAGI 159751 CITTATCACA TGIGICITIC GTAGACACTT TCTCCCAGIC TGIGGCTTEC 159801 CITCICATIT TCTIGATGIC GICTITTACA GAGCAGAAGG TITTTGTTT 159851 AATAATGGCC AGCTATCAG TIGITTTATT TGIGGATGAT GTCATTGCC/ 159901 TIGIACCTAA ATAGTCATTT CCATACCCAA GGTCATCTTG GTTTTCTCT 159951 ATGCIGICIT CTAGGTGTTT TATAATTIGI GTTTTACATG TAGGTCTGT/ 160001 ATCTACTCCG AGTCAGTTTT TGGAAGAAGT GTAAGGGATG TGTCTAGAT 160051 CATTTTTTT GCATGIGGAT GTACACTTGT TCCAGCATCA TTTGTTAAAA 160101 GGACCATCTT TGCTCCCTTG TATTGCCTTT GCTACTATGC CAAAGATTAC 160151 CCAGCTGTAT TTATGTGGGT CTATTTCTAG GCTCTCTGTT CTGTTCTGTT
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159651 TITICITIGG TGAAGIGITT GITCAGITTT TGGCCIATIT TITAATCIGC 159701 TIGITITCIT GITGAGITTT AAGAATICIT TGTATGITTT GGATAACAGI 159751 CITTATCACA TGTGTCITTC GTAGACACTT TCTCCCAGIC TGTGGCTTGC 159801 CITCICATIT TCTTGATGIC GTCTTTTACA GAGCAGAAGG TTTTTGTTT 159851 AATAATGGCC AGCTTATCAG TTGTTTTATT TGTGGATGAT GTCATTGCC/ 159901 TTGTACCTAA ATAGTCATTT CCATACCCAA GGTCATCTTG GTTTTCTCT 159951 ATCCTGCTT CTAGGTGTTT TATAATTTGT GTTTTACATG TAGGTCTGT/ 160001 ATCTACTCCG AGTCAGTTTT TGGAAGAAGT GTAAGGGATG TTGCTAGATA 160051 CATTTTTTTT GCATGTGGAT GTACACTTGT TCCAGCATCA TTTGTTAAAA 160101 GGACCATCTT TGCTCCCTTG TATTGCCTTT TCCAGCATCA TTTGTTAAAA 160101 CCAGCTGTAT TTATTGTGGGT CTATTTCTAG GCTCTCTGTT CTGTTCTGT 160201 GGTACTTTTT GTGTGGTCT CTGTCTCTCT CTCTCTTTTTTTT
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159651 TITICITIGG TGAAGIGITT GITCAGITTT TGGCCIATIT TITAATCIGC 159701 TIGITITCIT GITGAGITTT AAGAATICIT TGTATGITTT GGATAACAGI 159751 CITTATCACA TGTGTCITTC GTAGACACTT TCTCCCAGIC TGTGGCTTGC 159801 CITCICATIT TCTTGATGIC GTCTTTTACA GAGCAGAAGG TTTTTGTTT 159851 AATAATGGCC AGCTTATCAG TTGTTTTATT TGTGGATGAT GTCATTGCC/ 159901 TTGTACCTAA ATAGTCATTT CCATACCCAA GGTCATCTTG GTTTTCCTT 159951 ATGCTGTCTT CTAGGTGTTT TATAATTTGT GTTTTACATG TAGGTCTGT/ 160001 ATCTACTCCG AGTCAGTTTT TGGAAGAAGT GTAAGGGATG TGTCTAGAT 160051 CATTTTTTTT TGCTCCCTTG TATTGCCTTT TCCAGCATCA TTTGTTAAAA 160101 GGACCATCTT TGCTCCCTTG TATTGCCTTT GCTACTATGC CAAAGATTAA 160101 GGACCATCTT TGCTCCCTTG TATTGCCTTT TCCAGCATCA CAAAGATTAA 160101 GGACCATCTT TGCTCCCTTG TATTGCCTTT TCCAGCATCA TTTGTTTAAAA 160101 GGACCATCTT TGCTCCCTTG TATTGCCTTT CTCTCTCTTTTTTTTTT
159651 TITICITIGG TGAAGIGITT GITCAGITTT TGGCCIATIT TITAATCIGC 159701 TIGITITICIT GITGAGITTT AAGAATICIT TGTATGITTT GGATAACAGI 159751 CITTATCACA TGTGTCITTC GTAGACACTT TCTCCCAGTC TGTGGCTTGC 159801 CITCTCATIT TCTTGATGTC GTCTTTTACA GAGCAGAAGG TTTTTGTTTT 159851 AATAATGGCC AGCTTATCAG TTGTTTTATT TGTGGATGAT GTCATTGCC/ 159901 TTGTACCTAA ATAGTCATTT CCATACCCAA GGTCATCTTG GTTTTCTCT 159951 ATGCTGTCTT CTAGGTGTTT TATAATTTGT GTTTTACATG TAGGTCTGT/ 160001 ATCTACTCCG AGTCAGTTTT TGGAAGAAGT GTAAGGGATG TGTCTAGATT 160001 CAGCTGTAT TGCTCCCTTG TATTGCCTTT GCTACTATGC CAAAGATTAC 160101 CGGCCGTAT TTATGTGGGT CTATTTCTAG GCTCTTGTT CTGTTCTGT CTGTTCTGT TGCTCCTTT TTATGTGGT CTGTTCTCTCT CTCTCTTTTTTTTTT
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159651 TITICITIEG TGAAGIGITT GITCAGITTT TIGGCCIATIT TITAATCIEC 159701 TIGITITCIT GITGAGITTT AAGAATICIT TIGTATIGITTT GGATAACAGI 159751 CITTATCACA TIGIGICITIC GTAGACACTT TCTCCCAGIC TIGGCCTIEC 159801 CITCICATIT TCTIGATIGIC GTCTTTACA GAGCAGAAGG TITTIGITTT 159851 AATAATGGCC AGCTATCAG TIGTTTTACT TIGGGATGAT GTCATTGCC/ 159901 TIGTACCTAA ATAGTCATTT CCATACCCAA GGTCATCTTIG GTTTTCTCT 159951 ATGCIGICTT CTAGGTGTTT TATAATTIGI GTTTTACATG GTTTTCTCT 159951 ATGCIGICTT TCAGGTGTTT TIGGAAGAGT GTAAGGGATG TAGGTCTGT/ 160001 ATCTACTCCG AGTCAGTTTT TIGGAAGAGT GTAAGGGATG TAGGTCTGT/ 160001 ACCACTCTT TIGCTCCCTTIG TATTGCCTTT GCTACTATGC CAAAGATTAC 160101 GGACCATCTT TIGCTCCCTTIG TATTGCCTTT GCTACTATGC CAAAGATTAC 160201 GGTACTTTTT GTGTGTGTCT CTGTCTCTCT CTCTCTTTTTTTT
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159651 TITICITIGG TGAAGIGITT GITCAGITTT TGGCCIATIT TITAATCIGC 159701 TIGITITCIT GITGAGITTT AAGAATICIT TGTATGITTT GGATAACAGI 159751 CITTATCACA TGTGICITTC GTAGACACTT TCTCCCAGIC TGTGGCTTGC 159801 CITCICATIT TCTTGATGIC GTCTTTTACA GAGCAGAAGG TTTTTGTTT 159851 AATAATGGCC AGCTTATCAG TTGTTTTATT TGTGGATGAT GTCATTGCC/ 159901 TTGTACCTAA ATAGTCATTT CCATACCCAA GGTCATCTTG GTTTTCTCT 159951 ATGCTGTCTT CTAGGTGTTT TATAATTTGT GTAGAGGATG TGTCTCTCT 159951 ATGCTGTCTT TCAGGTGTTT TGGAAGAAGT GTAAGGGATG TGTCTAGATT 160001 ATCTACTCCG AGTCAGTTTT TGGAAGAAGT GTAAGGGATG TGTCTAGATT 160001 ACCACTCTT TGCTCCCTTG TATTGCCTTT TCCAGCACTCA TTTGTTAAAACACTTTT TCCAGCATCA TTTGTTAAAACACTTTT TCCAGCATCA TTTGTTTAAACACTTT TCCAGCATCA TTTGTTTAAACACTTT TCCAGCATCA TTTGTTTAAACACAC ACTGTTTTGA TTACTGTGCC TTTATAGGAAGAAGT TTTATAGGAATA ACCTTTTT TGGATAGATT TGGATAGAGT CAGTCCTGCA ACTTTGTTCT TTTCCTTCAACACC ACTGTTTTGC TTTCCTTCAACACC ACTGTTTTT TTTCCTTCAACACC ACTGTTTTTT TTTCCTTCAACACC ACTGTTTTTT TTTCCTTCAACACC ACTGTTTTTT TTTCCTTCAACACC TTTATAGAATTA AACTTTATAAACACTTTT TTTCCTTCAACACT TTTACAGTTTT TTTCCTTCAACACT TTTACAGTTTT TTTCCATCAACT TTTCCATCAACACTTTT TTTCCATTAA TACACTTTT TTTCCATTAA TACACTTTT TTTCCATTAA TACACTTTT TTTCCATTAA TACACTTTT TTTTCCATTAA TACACTTTT TACACTTTT TACACACCTT TTTTTTTT
159651 TITICTITICG TGAGTITT GTTCAGTITT TGCCCTATTT TTTAATCIGC 159701 TIGTTTCTT GTTGAGTTTT AAGAATTCTT TGTATGTTT GAGTACACGT TGTGGCTTGC 159801 CTTCTCATTT TCTTGATGTC GTCTTTACA GAGCAGAAGG TTTTTGTTTT 159851 AATAATGGCC AGCTTATCAG TTGTTTTATT TGTGGATGAT GTCATTGCC/159901 TTGTACCTAA ATAGTCATTT CCATACCCAA GGTCATCTTG GTTTTTCTT 159951 ATGCTGTCTT CTAGGTGTTT TATAATTTTG GTTTTACATG TGCATCGTG TAGGAGAAGT GTCATCTCT 159901 ATCTACTCCG AGTCAGTTTT TGGAAGAAGT GTAAAGGATG TAGGTCTTG AGTCATGTT TAGAGTTTT TGGAAGAAGT GTAAAGGATG TTAGGTCTGTAAAA 160051 CATTTTTTTT GCATGTGGAT GTACACTTTG TCCAGCATCA CAAAGATTAC 160051 CAGCTGTAT TTATGTGGGT CTATTTCTAG GCTCTCTGTT CTGTTCTGTT
159651 TITICTITICG TGAAGTGTTT GTTCAGTTTT TGCCCTATTT TTTAATCTCC 159701 TTGTTTTCTT GTTGAGTTTT AAGAATTCTT TGTATGTTTT GGATAACAGT 159751 CTTTATCACA TGTGTCTTTC GTAGACACTT TCTCCCAGTC TGTGGCTTGC 159801 CTTCTCATTT TCTTGATGTC GTCTTTTACA GAGCAGAAGG TTTTTGTTTT 159851 AATAATGGCC AGCTTATCAG TTGTTTTATT TGTGGATGAT GTCATTGCC 159901 TTGTACCTAA ATAGTCATTT CCATACCCAA GGTCATCTTG GTTTTCTTT 159951 ATGCTGTCT CTAGGTGTTT TATAATTTGT GTTTTACATG GTTTTTCTTT 159951 ATGCTGTCTT CTAGGTGTTT TATAATTTGT GTTTTACATG TAGGTCTGT TAGAGTGAT TTGGAAGAAGT GTAAGGGATG TGTCTAGATT 160051 CATTTTTTT GCATGTGGAT GTACACTTGT TCCAGCATCA TTTGTTAAAA 160101 GGACCATCTT TGCTCCCTTG TATTGCCTTT GCTACTATGC CAAAGATTAC 160201 GGTACTTTTT GTGTGTGTCT CTGTCTCTC CTCTCTTTT TCTTTTTTT TGGATGTGTCT CTGTCTCTC CTCTCTTTTT TTCCTTCGATT TGGATGTGT CAGTCTTGCA ACTTTTTTT TTCCTTCAGTATT TGGATGAATTA GCTATTTTGG ATCTTTTGC ACTTTTTGC ACTTTTTTTTTT
159651 TITICTITICG TGAGTITT GTTCAGTITT TGCCCTATTT TTTAATCIGC 159701 TIGTTTCTT GTTGAGTTTT AAGAATTCTT TGTATGTTT GAGTACACGT TGTGGCTTGC 159801 CTTCTCATTT TCTTGATGTC GTCTTTACA GAGCAGAAGG TTTTTGTTTT 159851 AATAATGGCC AGCTTATCAG TTGTTTTATT TGTGGATGAT GTCATTGCC/159901 TTGTACCTAA ATAGTCATTT CCATACCCAA GGTCATCTTG GTTTTTCTT 159951 ATGCTGTCTT CTAGGTGTTT TATAATTTTG GTTTTACATG TGCATCGTG TAGGAGAAGT GTCATCTCT 159901 ATCTACTCCG AGTCAGTTTT TGGAAGAAGT GTAAAGGATG TAGGTCTTG AGTCATGTT TAGAGTTTT TGGAAGAAGT GTAAAGGATG TTAGGTCTGTAAAA 160051 CATTTTTTTT GCATGTGGAT GTACACTTTG TCCAGCATCA CAAAGATTAC 160051 CAGCTGTAT TTATGTGGGT CTATTTCTAG GCTCTCTGTT CTGTTCTGTT

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161001	TACCAAGTTA	AGGAAGTTCT	GCTCTATTCC	TGGTTTGCTG	AGAGGTGTTT
161051	गाजाज	TIGITITIAC	CAATAATGGG	TATTGGATTT	TGTCAAATAT
	TTTCTTCATC				
	TGAGATGGAT				
	TIGTAATGTA				
	AATCCCACTT				
	TTTTTTAAGA				
	CACAATCATA				
161401	CACCTCATAA	HAITHIAC	AIGHGHAG	ATTIGATITIE	GIAAGAIIII
	GTTGAGGATT				
	cmmig				
	TCATAGAATG				
	GAGAACTGGT ACGATCTGGG				
	TAATTTCTTT				
	GTTTTGGCAG				
161801	TCAAATTTTG	CCCCATACCA	TETETTACIT	TTTTAAAATT	ATCCTTTTAA
	TATATATAGA				
	THATGICTT				
	ATTITATIGA				
162001	TCTTTTGACT	TCCTATTITA	GATTTCATTG	ATTICICCIC	TAATTITTAT
162051	TATTICTTIC	GTICTGCTTA	CTTTAGCTTG	CTCTTCTAGT	TGCTTAAGGT
162101	GAAAGCTTAG	TATTGATTTT	AGATCTTCTC	TAATATATAC	TCTCAATACT
162151	ATAAGTTTTG	CTTTAAGTAC	TECTTICICT	<b>GCATTGACAA</b>	ATTTTGATAA
162201	GTTCTATTTT	CTTTGTATAT	TTATAGACAA	TAGAACTTTG	ATAAGTTCTA
162251	TTTATATATT	<b>TATAGATATA</b>	<b>TATCTATAAA</b>	<b>ACTAGTGTAT</b>	ATATGTAAAT
	<b>AGTATATATA</b>				
	AAGAGAGAGA				
162401	TCAGTGCAGT	<b>GGTGTGATCA</b>	CAGCTCACTA	AGGCCTCAAC	CTCCCTGGCT
162451	CGAGTGATCC	TCCTGTCTCA	GCCTCCCAAC	TAGCTACAAC	TACAGACATG
162501	CATCACCAAG	CTTGACTACA	TITATTITAT	TTTTTATGGA	GATGGGGTCT
162551	CACTCTGTTG	CCAAGGCIGG	TCTCAAACTC	CIGGCITCAA	GAAATCCTTC
	CACCTCGGCC				
	GGCCTAAAAA GTATTACAAG				
	TTTAGCTGTT				
	CAGACATTCT				
	AGAATGTGGT				
162901	GIIGGCIGIT	GCTGTATGAA	TTAGIGIGIA	GATATAAGTT	ATATCCAGTT
162951	<b>GAATTGTGAT</b>	TTAGTTCAAC	<b>TATGTTCTTA</b>	TTGATTTTT	TGCCTGTTGG
	<b>ATCTATTTCT</b>				
	CATCTGCTTC				
	TTTGTTGTTA				
	TTTACCCTTT				
	CATGCTTGAA				
	TTTGGCTTAG				
	AGCTATATTT				
T0332T	GTTAGGTCTT TTTAGGCCGT	ALITITIAL	ACTICATION	CATATACTTC	CATTAATATC
	TACGATATTT				
	TITCTICTIC				
	TTATCTCTTT				
	TTTTCAGTT				
	CCCTATTCAC				
163701	TAAGTTATCC	TTCTCATGTC	CCTTGTATCA	TTTTIGTCAT	TCATTTCACT
163751	TGTCCGTAAA	<b>CTATAGGTAT</b>	CAAATACATT	GTIGITATTT	TGAACAAGCT
163801	TTTCTTAGAT	CAGTTAAAAG	TAGGAAAAAT	TAAAGTTTTT	ATCTTCTTTA
163851	ПСПСП	стсттстт	ATATAGATCA	AAATTTCTGA	CCTATATTTT
	спстпст				
163951	ACAAATTCCT	TATTTTATT	TGAGAAAAAT	THETECTIC	ATTITIGAAG
	GATGTTTTG				
	ATAGTTTAAA				
104101	GAGAAGTTAA	GACTTCTTAA	ACCULATED	AAAATCTTT	ATTTICITY
TOHTOT			AUDILLICON	WWICHIG	MITTICIOU
164201	TATISTICACA	THITTETIN	THEFT	TTTACATTTA	TTCTCCTCAC
164201	TATGTGTAGC	тппыны	THIGHTIGHT	TTTACATTTA ACATTAATTT	TTCTGCTCAG
164251	TATGTGTAGC TGTTCACTGG	ACTICCTGGA	TIGITIGIT	<b>ACATTAATTT</b>	GGGGAAATTC
164251 164301	TATGTGTAGC TGTTCACTGG TCAGTGAATG	ACTICCTGGA TITICTTCAAA	TITIGITIGIT TGIGIATCIG TATIGGTICT	ACATTAATTT CTTCTTTCTT	CTTTTGGTGT
164251 164301 164351 164401	TATGTGTAGC TGTTCACTGG	ACTICCIGGA TITICTICAAA CATGCTACAC TITIATIATI	TTIGITIGIT TGIGIATCTG TATTGGTTCT CTATTTGCTT TTTTTTTTAA	ACATTAATIT CTTCTTTCTT CATAGTTCTT ATCTAGTCCA	GGGGAAATTC CTTTTGGTGT AGATATTTTG GTATTTTGTT

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164501	ACATATCCGT	AAGTGCAGAG	ATTCTTTCCT	CAGCTGTTTC	CGGTTGACTA
164551	ATGAGCCCAT	CAGATGTAAT	CICIATTICI	GTTACAGTGT	TTTTGATCTC
		TTTTTATAGC			
164651	ATCACTCTGC	TTACATTACT	CAICITHCT	TACTIGITGE	CTACTTIGIC
		CTTAACATAT			
164751	GACACTTCTA	GIGITICIGC	CACATTIGAC	THIGCHTTIG	ATGIGIACIC
164801	AATTICITCA	AACTGTGTTA	THEIGIETT	CGTAGGCCTT	GIAAICITIC
		AGACATGATA			
		TATAATGGTA			
		TGTGATTAGG			
T0200T	GACIGIGAAL	GTTTTTATT	TTCATTCTCC	CATTCCCAAAC	CCTACACACC
		GGTATTTCTC			
		ATAAGCTCTG			
		AGAGAATGCT			
165251	TOTTOTICE	AGAAGCACAG	GTAATITI	CTCAGATCTT	CACTIGIGAGA
		GTTGCTGAAG			
165351	CTCTATGACT	CTCAGACTTG	TCAAACACTG	AACCCCCAGC	AGITIGITAA
		AGTTGTCCTA			
165451	TITGIGGGIT	TCCGCTCCAG	<b>AAAGTTGTGA</b>	TTTTCTGTAC	CTGGGCTGTC
165501	TGTCTCTCCA	<b>ATTITIGGGGG</b>	CAGTGATTTG	CCCTGTGACC	TTACTAATAT
165551	<b>GATGTATCTA</b>	<b>AGAAGAGTTG</b>	GTTTTCAGT	TTGTTCAGCT	TTTTACTTGC
165601	<b>TGTTAGGACA</b>	GAGCGAAGAC	TTCCGAGCTC	TTAACGTTCT	GGACCAGAAA
165651	TTGGAACAAT	<b>GCTGTCCTTT</b>	<b>TATIGICICI</b>	TCTCTACACT	GCAGGCAGCC
165701	<b>ATGGTGTTTC</b>	TCAAAAACAC	<b>AAATCTGATT</b>	AGGTCATGTC	TCTAGTTGAA
		<b>AACTGTAGCA</b>			
		TTTCAGCCTT			
165851	ACATTTTCAC	TTTACTGTTA	TGCTGAGCCA	TTGTGCACTT	TATCCAGTTT
		GIGITCICIC			
165951	GATACCCACC	AAGTTTTTAG	GTTTACCTT	AGAAACCATC	TTTCTTATGA
166001	CAGCCCACCT	TGACTCTCCT	GAGACCTGTC	CATATTACCT	TCCTGAGTTT
		AGAATCACAA			
T0010T	CTCCGAIGIA	ATTTATTGGC CCTCCTAAAG	AGCCIGAAAI	AITIACIAIG	CIIGIAGIAA
100727	TAAACTCCCA	CGTGGAAAAG	TTATATTATC	CACATTCTT	TCAACCATCT
		TEGCTETE			
166301	TOCCOCTAGE	TTGGAGGAGA	CTCCTGGTGG	GAGGIGATTG	GATCATGGGG
		CCCTTTCAGT			
166401	TCTGATGATT	TAAACGTGTG	TGGCACTTCC	CCCTTCGTGC	TCTCTCTCTC
166451	TCTCCTCCTG	CCATGTGAAG	<b>AAAGTCCTTG</b>	CITCCICTIC	TCCTTCAGCC
		GTTTCCTGAG			
166551	ACTGTGAATC	AATTAAACCT	GTACTCTTCA	TAAATTACCC	AGTCTCAGTA
166601	GTTCTTTATA	ACAGTGTGAG	AACGGTCTAA	TACAGATATA	GAATCCATTT
166651	GTTTATAGTG	TTCAATGTTT	ATTCTTACGT	AGAGICAAAA	AAGCAAAIII
166751	GIGIACCEGC	AGAGTAGCTA GCAAGTACTC	CCIGCAAGAA	TATATTTA	ATACTICACA
		AAATTAATAA			
		ATTAGTGTGA			
		TTGAACTTAT			
		<b>AAATACTGTC</b>			
		<b>TGATGATTAT</b>			
		TTGGGTGTGT			
		TAATTGAATT			
		TTGTCCACTC			
167201	ATAGGTCTTG	GAGGAAATCC	AAGCTATTGC	TAATGAGAAT	TATTTIGCAC
167201	ATTIGACIG	TGTGATACAG TTTTTTTCTT	GGITTIGTIC	ATTAGTAGGA	TCTCTTCCCC
		GCAGTGGCGT			
		TATTCTCATG			
167451	GTACATACTA	CCACACCTGA	CTAATITITI	TATTTTTTT	AGTAGAGACG
167501	GGGTTTCGCC	<b>ATGTTGGCCA</b>	GGCTGGTCTT	GAACTCCTGG	CCTCAAGTGA
167551	CCCACCTGCC	TCGGCCTCCC	AAAGGTTTTA	CAGACGTGAG	CCACTGCGCC
167601	TGGCCCGAGT	TTATTICITA	AAAACTTATA	TTTAGTAATT	TITTIGIGGI
167651	CAAAGGACAT	GAAGTTAAAG	GATAGIGIGI	TTAGAACTGG	CTTTGTAATG
167701	GACTTGGTAC	GTAAACCAAA	GGAAAAAA	CTAGCCTGCT	TTCTTTGCCT
167751	GTTTCTCAAG	AAATCGGGAT	IGIGGIGATT	ACCTACCTTC	IGAIGIGITT
10/80T	IAAAAATATT	CTTAATATTT	AIGAGAAC	ATACACTE	ICCIAGIIGC
167001	CACCAATTCC	TTTCATCT	ACTICACTOT	TTATTTATT	TICIGICAAC
167951	ATATTTACCA	TGTAGAATAT	AAACATTGAT	TGAACAATTC	TCTATGTATT
		. 417			

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	. • •	TTTTAAATAA			
		ATTTAAATAT			
		GAAAATAAAT			
		AATAAAGTCT			
		TTGTTATAGA			
168251	<b>AGTATTTGAA</b>	GATAAGTAAA	GATATTTTT	AAACCGTACT	TTCAAAATCA
168301	<b>GTTCTTTAGG</b>	TGCTGGGAAT	<b>GTAGCCGATC</b>	GIGITITIGGC	TCAGCTCTTA
168351	<b>ACAGAAATGG</b>	<b>ATGGGATTGA</b>	<b>ACAGCTAAAG</b>	<b>GATGTGACCA</b>	TTTTGGCAGC
168401	TACTAACCGT	CCAGATAGGA	TAGACAAGGT	AAGAGAGAAG	GCATTGTGGA
168451	TATTATAAAA	TCAAGAACTG	<b>GCTTGTTTGA</b>	TTTTATCAGG	ппы
		CTITCTAATC			
		TCACTGTGGA			
		CTTGCATACA			
		<b>AGATACAACA</b>			
		GGAAAACTGC			
		ACTGCAGCTG			
		GAGTATGTGA			
		GGGGAGGACT			
168901	CTCCTGTC	TCAGGATGTT	GCATTTCCTG	CACATGCTAC	AGITATICIT
		ATGGGAGAGA			
		ACAAAGGATC			
		TITACATTIT			
		TCTTCAATAT			
		TAGAGAATTG			
		GAGTTTTCAA			
		AGTACTAGTT			
		CIGICCTAAT			
		TCTATTTTT			
		AGGTGCAAAA			
		CATAATTTAA			
		TATGTAATAT			
		CGTGAACCAG			
		TGACTTTATG			
		TTTAAAAGAT			
		TGGCAAGAAA			
		CTTTGGTAAA			
		TGATGCAGTA			
		CTGGGTTGGT			
		ATCTTAACAA			
	AIAAAAII				
TAGUST	AACTITACCT				
169951	AAGTTTACCT	AATTCTGCCT	CTGGTTTCAC	<b>AAATAAAGGG</b>	TGCTGAATCC
170001	<b>AGAAAAATCT</b>	AATTCTGCCT TTCTCCTGGT	CTGGTTTCAC	AAATAAAGGG TGTATTTTA	TGCTGAATCC TGATATTTAT
170001 170051	AGAAAAATCT TTCCTGGTTT	AATTCTGCCT TTCTCCTGGT CCCTGTGGTT	CTGGTTTCAC AAGAATTCAT AATAAGCTCT	AAATAAAGGG TGTATTTTTA AAAATGTCTT	TGCTGAATCC TGATATTTAT AGGATTTTTG
170001 170051 170101	AGAAAAATCT TTCCTGGTTT TCACTACGGC	AATTCTGCCT TTCTCCTGGT CCCTGTGGTT TTAATCTAAT	CTGGTTTCAC AAGAATTCAT AATAAGCTCT AGTAGCCTTC	AAATAAAGGG TGTATTTTA AAAATGTCTT TTTGGCTTCC	TGCTGAATCC TGATATTTAT AGGATTTTTG TAATGTTGGG
170001 170051 170101 170151	AGAAAAATCT TTCCTGGTTT TCACTACGGC TGTCCTCGAT	AATTCTGCCT TTCTCCTGGT CCCTGTGGTT TTAATCTAAT ATTAGATATA	CTGGTTTCAC AAGAATTCAT AATAAGCTCT AGTAGCCTTC TTTCTTGAAG	AAATAAAGG TGTATTTTA AAAATGTCTT TTTGGCTTCC TAGGATGTAA	TGCTGAATCC TGATATTTAT AGGATTTTTG TAATGTTGGG GGCTTACAGT
170001 170051 170101 170151 170201	AGAAAAATCT TTCCTGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT	AATTCTGCCT TTCTCCTGGT CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTTCT	CTGGTTTCAC AAGAATTCAT AATAAGCTCT AGTAGCCTTC TTTCTTGAAG AAATCAAGCT	AAATAAAGGG TGTATTTTTA AAAATGTCTT TTTGGCTTCC TAGGATGTAA GTCTGACTTG	TIGCTIGAATICE TIGATATTTAT AGGATTTTTIG TAATIGTTIGGG GGCTTACAGT GCCTIGTTTAG
170001 170051 170101 170151 170201 170251	AGAAAAATCT TTCCTGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT	AATTCTGCCT TTCTCCTGGT CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTCT GTTGTTTTCT	CTGGTTTCAC AAGAATTCAT AATAAGCTCT AGTAGCCTTC TTTCTTGAAG AAATCAAGCT TTCTGTGTAA	AAATAAAGGG TGTATTTTTA AAAATGTCTT TTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA	TIGCTIGAATICC TIGATATTTAT AGGATTTTTIG TAATIGTTIGG GGCTTACAGT GCCTIGTTTAG CAAATTTAGC
170001 170051 170101 170151 170201 170251 170301	AGAAAAATCT TTCCTGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT AGCTTCGCAC	AATTCTGCCT TTCTCCTGGT CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTCT GTTGTTTTCT CCATTTGTTA	CTGGTTTCAC AAGAATTCAT AATAAGCTCT AGTAGCCTTC TTTCTTGAAG AAATCAAGCT TTCTGTGTAA GTTCACATTT	AAATAAAGGG TGTATTTTTA AAAATGTCTT TTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG	TIGCTIGAATICC TIGATATTTAT AGGATTTTTIG TAATIGTTIGG GGCTTACAGT GCCTIGTTTAG CAAATTTAGC AATIGTIGGGCA
170001 170051 170101 170151 170201 170251 170301 170351	AGAAAAATCT TTCCTGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT AGCTTCGCAC CAGCATGACT	AATTCTGCCT TTCTCCTGGT CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTCT GTTGTTTTCT CCATTTGTTA AGTTTGTCTG	CTGGTTTCAC AAGAATTCAT AATAAGCTCT AGTAGCCTTC TTTCTTGAAG AAATCAAGCT TTCTGTGTAA GTTCACATTT CTCAGGATTT	AAATAAAGGG TIGTATTTTTA AAAATIGTCTT TTTIGGCTTCC TAGGATIGTAA GTCTGACTTIG CAAATTACCA CTTAGGTTAG AAACTAAAGA	TIGCTIGAATICC TIGATATTTAT AGGATTTTTIG TAATIGTTIGGG GGCTTACAGT GCCTIGTTTAG CAAATTTAGC AATIGTIGGGCA CTIGAAAACAC
170001 170051 170101 170151 170201 170251 170301 170351 170401	AGAAAAATCT TICCIGGTTT TCACTACGGC TGTCCICGAT AAACTTAACT TGCTIGTATT AGCTTCGCAC CAGCATGACT AGTGTTGGCT	AATTCTGCCT TTCTCCTGGT CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTCT GTTGTTTTCT CCATTTGTTA AGTTTGTCTG AGACTGCATT	CTGGTTTCAC AAGAATTCAT AATAAGCTCT AGTAGCCTTC TTTCTTGAAG AAATCAAGCT TTCTGTGTAA GTTCACATTT CTCAGGATTT CGCATTAGGA	AAATAAAGGG TGTATTTTTA AAAATGTCTT TTTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA GCTCATGTTT	TGCTGAATCC TGATATTTAT AGGATTTTTG TAATGTTGGG GGCTTACAGT GCCTGTTTAG CAAATTTAGC AATGTGGGGCA CTGAAAACAC CTAAACTCAC
170001 170051 170101 170151 170201 170251 170301 170351 170401 170451	AGAAAAATCT TTCCTGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT AGCTTCGCAC CAGCATGACT AGTGTTGGCAC ATGATTGTGGCA	AATTCTGCCT TTCTCCTGGT CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTCT GTTGTTTTCT CCATTTGTTA AGTTTGTCTG AGACTGCATT CACAGCTCAC	CTGGTTTCAC AAGAATTCAT AATAAGCTCT AGTAGCCTTC TTTCTTGAAG AAATCAAGCT TTCTGTGTAA GTTCACATTT CTCAGGATTT CGCATTTAGGA TTGTGATTGG	AAATAAAGGG TGTATTTTTA AAAATGTCTT TTTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA GCTCATGTTT GGCTGAGAAC	TGCTGAATCC TGATATTTAT AGGATTTTTG TAATGTTGGG GGCTTACAGT GCCTGTTTAG CAAATTTAGC AATGTGGGCA CTGAAAACAC CTAAAACTCAC TAAAGACTGA
170001 170051 170101 170151 170201 170251 170301 170351 170401 170451 170501	AGAAAAATCT TICCTGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT AGCTTCGCAC CAGCATGACT AGTGTTGGCAC ATGATTGTGG ATTTCCTTAC	AATTCTGCCT TTCTCCTGGT CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTCT GTTGTTTTCT CCATTTGTTA AGTTTGTCTG AGACTGCATT CACAGCTCAC TTGATGTCAG	CTGGTTTCAC AAGAATTCAT AATAAGCTCT AGTAGCCTTC TTTCTTGAAG AAATCAAGCT TTCTGTGTAA GTTCACGATTT CTCAGGATTT CGCATTTAGGA TTGTGATTGG CTAGGAGCCA	AAATAAAGGG TGTATTTTTA AAAATGTCTT TTTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA ACCTCATGTTT GGCTGAGAAC CTCCCAGCTC	TIGCTIGAATICC TIGATATTTAT AGGATTTTTIG TAATIGTTIGGG GGCTTACAGT GCCTIGTTTAG CAAATTTAGC AATIGTIGGGCA CTIGAAAACAC CTAAAACTCAC TAAAGACTGA CTAGAGACTGA CTAGAGACTA
170001 170051 170101 170151 170201 170251 170301 170351 170401 170451 170501 170551	AGAAAAATCT TICCTGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT AGCTTCGCAC CAGCATGACT AGTGTTGGCT ATGATTGTGG ATTTCCTTAC CCCACATTCC	AATTCTGCCT TTCTCCTGGT CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTCT GTTGTTTTCT CCATTTGTTA AGTTTGTCTG AGACTGCATT CACAGCTCAC TTGCCACACA	CTGGTTTCAC AAGAATTCAT AATAAGCTCT AGTAGCCTTC TTTCTTGAAG AAATCAAGCT TTCTGTGTAA GTTCACATTT CTCAGGATTT CGCATTAGGA TTGTGATTGG CTAGGAGCCA GCCCCCTCCT	AAATAAAGGG TGTATTTTTA AAAATGTCTT TTTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA GCTCATGTTTT GGCTGAGAAC CTCCCAGCTC CCATCAGAAA	TIGCTIGAATICC TIGATATTTAT AGGATTTTTIG TAATIGTTIGGG GGCTTACAGT GCCTIGTTTAG CAAATTTAGC AATIGTIGGGCA CTIGAAAACAC CTAAAACTCAC CTAAAGACTGA CTAGAGACTGA CTAGAGACTGA CAGCAATIGGA
170001 170051 170101 170151 170201 170251 170301 170351 170401 170451 170501 170551 170601	AGAAAAATCT TICCTGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT AGCTTCGCAC CAGCATGACT AGTGTTGGCT AGTGTTGGCT ATGATTGTGG ATTTCCTTAC CCCACATTCC AAACTCCATT	AATTCTGCCT TTCTCCTGGT CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTCT GTTGTTTTCT CCATTTGTTA AGTTTGTCTG AGACTGCATT CACAGCTCAC TTGCCACACA ATGTTTTATC	CTGGTTTCAC AAGAATTCAT AATAAGCTCT AGTAGCCTTC TTTCTTGAAG AAATCAAGCT TTCTGTGTAA GTTCACATTT CTCAGGATTT CGCATTAGGA TTGTGATTGG CTAGGAGCCA GCCCCCTCCT CCTGTCACAC	AAATAAAGGG TGTATTTTTA AAAATGTCTT TTTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA GCTCATGTTTT GGCTGAGAAC CTCCCAGCTC CCATCAGAAA TTCAAATTTC	TIGCTIGAATICC TIGATATTTAT AGGATTTTTG TAATIGTTIGGG GGCTTACAGT GCCTIGTTTAG CAAATTTAGC AATIGTIGGGCA CTIGAAAACAC CTAAAACTCAC CTAAAGACTGA CTAGAGACTGA CTAGAGACTGA CTAGAGACTGA CAGCAATIGGA CTTTTGCCAGG
170001 170051 170101 170151 170201 170251 170301 170401 170451 170501 170551 170601 170651	AGAAAAATCT TICCTGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT AGCTTCGCAC CAGCATGACT AGTGTTGGCT ATGATTGTGG ATTTCCTTAC CCCACATTCC AAACTCCATT AAATTTGTCC	AATTCTGCCT TTCTCCTGGT CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTCT GTTGTTTTCT CCATTTGTTA AGTTTGTCTG AGACTGCATT CACAGCTCAC TTGATGTCAG TTGCCACCACA ATGTTTTATC CTTTGGAGGG	CTGGTTTCAC AAGAATTCAT AATAAGCTCT AGTAGCCTTC TTTCTTGAAG AAATCAAGCT TTCTGTGTAA GTTCACATTT CTCAGGATTT CGCATTAGGA TTGTGATTGG CTAGGAGCCA GCCCCCTCCT CCTGTCACAC CTCATCTAAT	AAATAAAGGG TGTATTTTTA AAAATGTCTT TTTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA GCTCATGTTT GGCTGAGAAC CTCCCAGCTC CCATCAGAAA TTCAAATTTC GAGGTTAGCC	TIGCTIGAATICC TIGATATTTAT AGGATTTTTG TAATIGTTIGGG GGCTTACAGT GCCTIGTTTAG CAAATTTAGC AATIGTIGGGCA CTIGAAAACAC CTAAACTCAC TAAAGACTIGA CTAGAGACTIGA CAGCAATIGGA CTTTIGCCAGG TTATTIGAGGA
170001 170051 170101 170151 170201 170251 170301 170401 170451 170501 170551 170601 170651 170701	AGAAAAATCT TICCTGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT AGCTTCGCAC CAGCATGACT AGTGTTGGCT ATGATTGTGG ATTTCCTTAC CCCACATTCC AAACTCCATT AAATTTGTCC AAAATCTCTG	AATTCTGCCT TTCTCCTGGT CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTCT GTTGTTTTCT CCATTTGTTA AGTTTGTCTG AGACTGCATT CACAGCTCAC TTGATGTCAG TTGCCACCACA ATGTTTTATC CTTTGGAGGG GACCTTGAAG	CTGGTTTCAC AAGAATTCAT AATAAGCTCT AGTAGCCTTC TTTCTTGAAG AAATCAAGCT TTCTGTGTAA GTTCACATTT CTCAGGATTT CGCATTAGGA TTGTGATTGG CTAGGAGCCA GCCCCCTCCT CCTGTCACAC CTCATCTAAT TCAGTTGATT	AAATAAAGGG TGTATTTTTA AAAATGTCTT TTTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA GCTCATGTTT GGCTGAGAAC CTCCCAGCTC CCATCAGAAA TTCAAATTTC GAGGTTAGCC AAGGATCCTG AAGGATCCTG	TIGCTIGAATICC TIGATATTTAT AGGATTTTTG TAATIGTTIGGG GGCTTACAGT GCCTIGTTTAG CAAATTTAGC AATIGTIGGGCA CTIGAAAACAC CTAAACTCAC TAAAGACTIGA CTAGAGACTIGA CTATTIGAGGA CAAAAGCCCT
170001 170051 170101 170151 170201 170251 170301 170451 170451 170551 170601 170651 170701 170751	AGAAAAATCT TICCTGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT AGCTTCGCAC CAGCATGACT AGTGTTGGCA ATTTCCTTAC CCCCACATTCC AAACTCCATT AAATTTGTCC AAAATCTCTG TCGCAGTAGC	AATTCTGCCT TTCTCCTGGT CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTCT GTTGTTTTCT CCATTTGTTA AGTTTGTCTG AGACTGCATT CACAGCTCAC TTGATGTCAC ATTGTTAC AGACTGCATA AGTTTGTCAC AGACTGCATA AGTTTTATC CATTTGAGGG GACCTTGAAG ACCTAGATTA	CTGGTTTCAC AAGAATTCAT AATAAGCTCT AGTAGCCTTC TTTCTTGAAG AAATCAAGCT TTCTGTGTAA GTTCACATTT CTCAGGATTT CGCATTAGGA TTGTGATTGAC CTAGGAGCCA GCCCCCTCCT CCTGTCACAC CTCATCTAAT TCAGTTGATT GCATTTGATT GCATTTGATT GCATTTGATT GCATTTGATT	AAATAAAGGG TGTATTTTTA AAAATGTCTT TTTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA GCTCATGTTT GGCTGAGAAC CTCCCAGCTC CCATCAGAAA TTCAAATTTC GAGGTTAGCC AAGGATCCTG GAATAAGTGG	TIGCTIGAATICC TIGATATTTAT AGGATTTTTG TAATIGTTIGGG GGCTTACAGT GCCTIGTTTAG CAAATTTAGC AATIGTIGGGCA CTIGAAACAC CTIGAAACAC CTIGAAACTCAC TAAAGACTICAC TAAAGACTICA CTIGAGAACTICA CTIGAGAACTICA CAGCAATIGGA CTITTIGCCAGG TTATTIGAGGA CAAAAGCCCT GAGAAGATAT
170001 170051 170101 170151 170201 170251 170301 170451 170401 170501 170651 170601 170751 170751 170701	AGAAAAATCT TICCTGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT AGCTTCGCAC CAGCATGACT AGTGTTGGCT ATGATTGTGG ATTTCCTTAC CCCACATTCC AAACTCCATT AAATTTGTCC AAAATCTCTG TCGCAGTAGC GTTTCTATCA	AATTCTGCCT TTCTCCTGGT CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTCT GTTGTTTCT GTTGTTTCT CATTTGTTA AGTTTGTCTG AGACTGCATT CACAGCTCAC TTGATGTCAG TTGCCACACA ATGTTTTATC CTTTGGAGGG GACCTTGAAG ACCTAGATTA GGGTGATACA	CTGGTTTCAC AAGAATTCAT AATAAGCTCT AGTAGCCTTC TTTCTTGAAG AAATCAAGCT TTCTGTGTAA GTTCACATTT CTCAGGATTT CGCATTAGGA TTGTGATTGG CTAGGAGCCA GCCCCCTCCT CCTGTCACAC CTCATCTAAT TCAGTTGATT GCATTTGATT GCATTTGATT GCATTTGATT GCATTTGATT GCATTTGATT GCATTTGATT GCACAGCCA	AAATAAAGGG TGTATTTTTA AAAATGTCTT TTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA GCTCATGTTT GGCTGAGAAC CTCCCAGCAA TTCAAATTTC CAAGTTAGCC AAGGATCCTG GAATAAGTGG GCCCCAGAAT	TIGCTIGAATICC TIGATATTTAT AGGATTTTTG TAATIGTTIGGG GGCTTACAGT GCCTIGTTTAG CAAATTTAGC AATIGTIGGGCA CTIGAAAACAC CTAAACTCAC TAAAGACTIGA CAGCAATIGA CAGCAATIGA CAGCAATIGA CTITTIGCCAGG TTATTTIGAGGA CAAAAGCCCT GAGAAGATAT TIGGGACATAG
170001 170051 170101 170151 170201 170251 170301 170451 170451 170551 170601 170651 170751 170751 170801 170851	AGAAAAATCT TICCTGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT AGCTTCGCAC CAGCATGACT AGTGTTGGCT ATGATTGTGG ATTTCCTTAC CCCACATTCC AAACTCCATT AAATTTGTCC AAAATCTCTG TCGCAGTAGC GTTTCTATCA CCTAGGAGGG	AATTCTGCCT TTCTCCTGGT CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTCT GTTGTTTTCT GTTGTTTTCT CATTTGTTA AGTTTGTCTG AGACTGCATT CACAGCTCAC TTGATGTCAC ATTGTTAC AGTTTTATC CTTTGGAGGG GACCTTGAAG ACCTAGATTA GCGTGATACA TTCTTTGCTA TTTTTTTTTT	CTGGTTTCAC AAGAATTCAT AATAAGCTCT AGTAGCCTTC TTTCTTGAAG AAATCAAGCT TTCTGTGTAA GTTCACATTT CTCAGGATTT CGCATTAGGA TTGTGATTGA CTAGGAGCCA GCCCCCTCCT CCTGTCACAC CTCATCTAAT TCAGTTGATT GCATTTGATT GCATTTGATT GCATTTGATT GCATTTGATT GCATTTGATT GCATTTGATT GCACGCCCAGGAA	AAATAAAGGG TGTATTTTTA AAAATGTCTT TTTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA GCTCATGTTT GGCTGAGAAC CTCCCAGCTC CCATCAGAAA TTCAAATTTC GAGGTTAGCC AAGGATCCTG GAATAAGTGG GCCCAGAAT AGAATTCAAG	TIGCTIGAATICC TIGATATTTAT AGGATTTTTG TAATIGTTIGGG GGCTTACAGT GCCTIGTTTAG CAAATTTAGC AATIGTIGGGCA CTGAAACAC CTAAACTCAC TAAAGACTCAC TAAAGACTGA CTAGAGACTTA CAGCAATIGGA CTTTTTGCCAGG TTATTTGACGA CTATTGAGGA CAAAAGCCCT GAGAAGATAT TIGGGACATAG AACTTGCTIGG
170001 170051 170101 170151 170201 170251 170301 170451 170401 170551 170601 170651 170701 170751 170801 170851 170801 170851	AGAAAAATCT TICCIGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT AGCTTGGCAC CAGCATGACT AGTGTTGGCT ATGATTGTGGC ATTTCCTTAC CCCACATTCC AAACTCCATT AAATTTGTCC AAAATCTCTG TCGCAGTAGC GTTTCTATCA CCTAGGAGGG GGGTGTTAGA	AATTCTGCCT TTCTCCTGGT CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTCT GTTGTTTTCT GTTGTTTTCT AGACTGCATT CACAGCTCAC TTGATGTCAG TTGCCACACA ATGTTTTATC CTTTGGAGG GACCTTGAAG ACCTAGATTA GGGTGATACA ATGTTTTGCTA CAGCAATCTT CAGCAATCTT	CTGGTTTCAC AAGAATTCAT AATAAGCTCT AGTAGCCTTC TTTCTTGAAG AAATCAAGCT TTCTGTGTAA GTTCACATTT CTCAGGATTT CGCATTAGGA TTGTGATTGG CTAGGAGCCA GCCCCCTCCT CCTGTCACAC CTCATCTAAT TCAGTTGATT GCATTTGATT GCATTTGATT GCACAGGCCA CCCCCAGGAA TTATTGATTG	AAATAAAGGG TGTATTTTTA AAAATGTCTT TTTTGGCTTCC TAGGATGTTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA GCTCATGTTT GGCTGAGAAC CTCCCAGCTC CCATCAGAAA TTCAAATTTC GAGGATCCTG GAATAAGTGG GAATAAGTGG GAATAAGTGG GAATAAGTGG GACTGCCAGAAT AGAATTCAAG GTACTGCCCG GTACTCCCAGGAT AGAATTCAAG GTACTGCCCG GTACTGCCCG GTACTGCCCG GTACTGCCCG GTACTGCCCCG GTACTGCCCCCG GTACTGCCCCG GTACTGCCCCC GTACTGCCCCC GTACTGCCCCC GTACTGCCCCC TTTTCACCCC TTTTCACCCCC TTTTCACCCC TTTTCACCCCC TTTTCACCCC TTTTCACCC TTTTCACCCC TTTTCACCC TTTTCACCC TTTTCACCCC TTTTCACCCC TTTTCACCCC TTTTCACCCC TTTTCACCCC TTTTCACCC TTTTCACCCC TTTTCACCCC TTTTCACCC TTTTCACCCC TTTTCACCCC TTTTCACCCC TTTTCACCCC TTTTCACCC TTTTTCACCC TTTTTTCACCC TTTTTCACCC TTTTTTCACCC TTTTTCACCC TTTTTTCACCC TTTTTTCACCC TTTTTTCACCC TTTTTTCACCC TTTTTTCACCC TTTTTTTCACCC TTTTTTTT	TIGCTIGAATICC TIGATATTTAT AGGATTTTTAT AGGATTTTTAG GACTITTAG GACTITTAG CAAATTTAGC AATGTTGGGCA CTGAAAACAC CTAAAGACTGA CTAGAGACTGA CTAGAGACTGA CTAGAGACTGA CTATTGCCAGG TTATTGAGGA CAAAAGCCCT GAGAAGATGT GAGAAGATGT TGGGACATAG AACTTGCTGG TTGTTGGTGCA TTGTTGGTGCA
170001 170051 170101 170151 170201 170251 170301 170401 170451 170601 170651 170701 170751 170801 170801 170801 170901 170951	AGAAAAATCT TICCTGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT AGCTTCGCAC CAGCATGACT AGTGTTGGCAC ATTTCCTTAC CCCACATTCC AAACTCCATT AAATTTGTCC AAAATCTCTG TCGCAGTAGC GTTTCTACAC CCTAGGAGGG GGTGTTAGA GGGCTAACTC	AATTCTGCCT TTCTCCTGGT CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTCT GTTGTTTTCT CCATTTGTTA AGACTGCATT CACAGCTCAC TTGATGTCAG TTGCCACACA ATGTTTTATC CTTTGGAGGG GACCTTGAAG ACCTAGATTA GGGTGATACA TTCTTTGCACA TTGTTTATC CTTTGGAGGG ACCTTGAAG ACCTAGATTA CAGCTACATTA CAGCAATCTT ATAAGCAGTG	CTGGTTTCAC AAGAATTCAT AATAAGCTCT AGTAGCCTTC TTTCTTGAAG AAATCAAGCT TTCTGTGTAA GTTCACATTT CCCATTTAGGA TTGTGATTGG CTAGGAGCCA GCCCCCTCCT CCTGTCACAC CTCATCTAAT TCAGTTGATT GCATTTGATT GCACTTGATT GCACAGGCCA CTCCCCAGGAA TTATTGATTG CACCCAGGAGT CACCCAGGAGT CACCCAGGAGT	AAATAAAGGG TGTATTTTTA AAAATGTCTT TTTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA GCTCATGTTT GGCTGAGAAC CTCCCAGCTC CCATCAGAAA TTCAAATTTC GAGGTTAGCC AAGGATCCTG GAATAAGGA GCCCCAGAT AGAATTCAAG GTACTGCCCG TGGCAAGGTG TGGCAAGGTG	TIGCTIGAATICC TIGATATTTAT AGGATTTTTAT AGGATTTTTG TAATIGTTIGGG GGCTTACAGT GCCTGTTTTAG CAAATTTAGC AATGTIGGGCA CTGAAAACAC CTAAACTCAC TAAAGACTGA CTAGAGACTA CAGCAATIGA CAGCAATIGA CTTTTGCCAGG TTATTGAGGA CAAAAGCCCT GAGAAGATAT TIGGGACATAG AACTTGCTIGG TTGTTGGTGCA TIGGTGCA TIGGTGCA TIGGTGCA TIGGTGCA TIGGTGCA TIGGTGCA TIGGTGCA TIGGGTGCA TIGGTGCA TIGGGTGCA TIGGGTGCA TIGGGTGCA
170001 170051 170101 170101 170201 170251 170301 170401 170451 170601 170651 170701 170751 170801 170801 170851 170901 170951 170901	AGAAAAATCT TICCTGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT AGCTTGSCAC CAGCATGACT AGTGTTGGCT ATGATTGTGGC ATTTCCTTAC CCCACATTCC AAACTCCATT AAATTTGTCC AAAATCTCTG TCGCAGTAGC GTTTCTATCA CCTAGGAGGG GGGTGTTAGA GGGCTAACTC GCAACTGTAT	AATTCTGCCT TTCTCCTGGT CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTCT GTTGTTTTCT CCATTTGTTA AGACTGCATT CACAGCTCAC TTGATGTCAG TTGCCACACA ATGTTTTATC CTTTGGAGGG GACCTTGAAG ACCTAGATTA CGGTGATACA TTCTTTGCAA ATGTTTTATC CTTTGCAGGG ACCTAGATTA CAGCAATCTT ATAAGCAGTG TTATACTCAC	CTGGTTTCAC AAGAATTCAT AATAAGCTCT AGTAGCCTTC TTTCTTGAAG AAATCAAGCT TTCTGTGTAA GTTCACATTT CTCAGGATTT CGCATTAGGA TTGTGATTGG CTAGGAGCCA GCCCCCTCCT CCTGTCACAC CTCATCTAAT TCAGTTGATT GCATTTGATT GCACAGGCCA CTCCCCAGGAA TTATTGATTG CACCCAGGAGT TTATTGATTG CACCCAGGAGT TTATTGCCCAC	AAATAAAGGG TGTATTTTTA AAAATGTCTT TTTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA GCTCATGTTT GGCTGAGAAC CTCCCAGCTC CCATCAGAAA TTCAAATTTC GAGGTTAGCC AAGGATCCTG GAATAAGGA GCCCCAGAAT AGAATTCAAG GTACTGCCCG TGGCAAGGTG TTTCATTTAC	TIGCTIGAATICC TIGATATTTAT AGGATTTTTT AGGATTTTTG TAATIGTTIGG GGCTTACAGT GCCTGTTTAG CAAATTTAGC AATGTTIGGGCA CTGAAAACAC CTAAAGACTGA CTAGAGACTGA CTAGAGACTGA CTAGAGACTTA CAGCAATTGA CAGCAATTGA CAAAAGCCCT GAGAAGATAT TIGGGACATTA
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170001 170051 170101 170151 170201 170251 170301 170351 170401 170551 170601 170651 170701 170801 170801 170801 170901 170901 171001 171051 171001 171051	AGAAAAATCT TICCTGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT AGCTTCGCAC CAGCATGACT AGTGTTGGCAC AGTGTTGGCAC AGTGTTGGCAC ATTTCCTTAC CCCACATTCC AAACTCCATT AAATTTGTCC AAAATCTCTG TCGCAGTAGC GTTTCTATCA CCTAGGAGGG GGGTGTTAGA CCTAGGAGGG GGGTGTTAGA CGCAACTGTAT AAGGGTGAGT CTGCCATGGA CTGCCATGGA	AATTCTGCCT TTCTCCTGGT CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTCT GTTGTTTTCT GTTGTTTTCT CCATTTGTTTA AGTTTGTCTG AGACTGCATT CACAGCTCAC TTGATGTCAG TTGCCACACA ATGTTTTATC CTTTGGAGGG GACCTTGAAG ACCTAGATTA CAGCATCAC TTCTTTGCACACA TTCTTTGCACACA TTCTTTGCACACA TTCTTTGCACACA TTCTTTGCACACACA TTAAGCACAGT ATAAGCAGTG TTAATACTCAC TAACACACAAT AACGGGTGGT	CTGGTTTCAC AAGAATTCAT AATAAGCTCT AGTAGCCTTC TTTCTTGAAG AAATCAAGCT TTCTGTGTAA GTTCACATTT CTCAGGATTT CGCATTTAGGA TTGTGATTGG CTAGGAGCCA GCCCCCTCCT CCTGTCACAC CTCATCTAAT TCAGTTGATT GCATTTGATT GCACAGGCCA TTATTGATTG CACCCCAGAGA TTATTGATTG CACCCCAGAGT TTATGCCCAC TGATTCTATG AACTTTTGAG ACTTTTGAG ACTTTTGAG ACTTTTGAG ACTTTTGAG ACTTTTGAG ACTTTTGAG ACTTTTGAG	AAATAAAGGG TGTATTTTTA AAAATGTCTT TTTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA AACTAAAGA ACTCATGTTT GGCTGAGAAC CTCCCAGCTC CCATCAGAAA TTCAAATTTC GAGGTTAGCC AAGGATCCTG GAATAAGTTG GCCCAGAAT AGAATTCAAG GTACTGCCCG TGGCAAGGTG TGGCAAGGTTAC TCATTTTAC AAAGGGTAAC TCATTGCCAT	TIGCTIGAATICC TIGATATTTAT AGGATTTTTG TAATIGTTIGGG GGCTTACAGT GCCTGTTTAG CAAATTTAGC AATGTIGGGCA CTGAAAACAC CTAAAGACTGA CTAGAGACTGA CTAGAGACTGA CTAGAGACTGA CTAGAGACTTA CAGCAATTGGA CTAGAGACTTA CAGCAATTGGA CTAGAGACTTA CAGCAATTGGA CAAAAGCCCT GAGAAGATAT TIGGGACATAG AACTTGCTGG TTGTTGTGTGCA TTGTTGTGTGCA TTGTTGTGTGCA TTGTTGTGTGCA TTGTTGTTGTGATCA GACATTTTGTC
170001 170051 170101 170151 170201 170251 170301 170351 170401 170551 170601 170651 170801 170801 170801 170901 170901 170901 171001 171001 171101 171101	AGAAAAATCT TICCTGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT AGCTTCGCAC CAGCATGACT AGTGTTGGCAC AGTGTTGGCAC AGTGTTGGCAC AGTGTTGGCAC AGACTTCCATT AAATTTGTCC AAAATCTCTG TCGCAGTAGC GTTTCTATCA CCTAGGAGGG GGGTGTACAC GCAACTGTAT AAGGGTGAGT AGGGTGAGT CTGCCATGGA AACTGCCATG	AATTCTGCCT TTCTCCTGGT CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTCT GTTGTTTTCT GTTGTTTTCT CCATTTGTTTA AGTTTGTCTG AGACTGCATT CACAGCTCAC TTGATGTCAG TTGCCACACA ATGTTTTATC CTTTGGAGGG GACCTTGAAG ACCTAGATTA CAGCATCAC TTCTTTGCTA CAGCATCTT ATAAGCAGTG TTATAGCAGTG TTATAGCAGTG TTATAGCAGTG TTATAGCAGAT AACGCGTGGT GTTCTGGTGG GTTCTGGTGG	CTGGTTTCAC AAGAATTCAT AATAAGCTCT AGTAGCCTTC TTTCTTGAAG AAATCAAGCT TTCTGTGTAA GTTCACGATTT CTCAGGATTT CGCATTAGGA TTGTGTATAGG CTAGGAGCCA GCCCCCTCCT CCTGTCACAC CTCATCTAAT TCAGTTGATT GCATTTGATT GCATTTGATT GCATTTGATT GCACCCCAGGAA TTATTGATTG CACCCAGGAG TTATTGATTG CACCCAGGAG TTATTGCCCAC TGATTCTATG AACTTTTGAG CAGTGTCTTA	AAATAAAGGG TGTATTTTTA AAAATGTCTT TTTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA GCTCATGTTT GGCTGAGAAC CTCCCAGCTC CCATCAGAAA TTCAAATTTC GAGGTTAGCC AAGGATCCTG GAATAAGTGG GCCCAGAAT AGAATTCAAG GTACTGCCCG TGGCAAGGTG TTTTCCCATTTTC CAAGGTTACC TGCCAAGGTG TTTCCCATTGCCAT TGCCAATGAG TCATTGCCAT TGCCAATGAG	TIGCTIGAATICC TIGATATTTAT AGGATTTTTG TAATIGTTIGGG GGCTTACAGT GCCTIGTTTAG CAAATTTAGC AATIGTIGGGCA CTIGAAACAC CTAAAACTCAC TAAAGACTGA CTAGAGACTGA CTAGAGACTGA CTAGAGACTGA CTAGAGACTTA CAGCAATTGA CAGCAATTGA CAGCAATTGA TIGTIGGTIGCA TIGTIGGTIGCA TIGTIGGTICCA TIGTIGTIGTICC CATTIGAGCGCC
170001 170051 170101 170101 170101 170201 170301 170301 170401 170401 170601 170651 170601 170801 170801 170901 170901 171001 171001 171001 171101 171101 171101 171101	AGAAAAATCT TICCTIGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT AGCTTCGCAC CAGCATGACT AGTGTTGGCT AGTGTTGGCT AGTGTTGGCT AGTGTTGGCT AGTGTTGGCT AGACTTCC AAACTCCATT AAATTTGTCC AAAATCTCTG TCGCAGTAGC GTTTCTATCA CCTAGGAGGG GGGTGTTAGA GGGCTAACTC GCACTTGTAT AAGGGTGAGT CTGCCATGGA AACTGCCATG AACTGCCATG AGCTAGAGAT AGGGTGAGT AGGCTAGAGAT AGGGTGAGT AGCTAGAGAT	AATTCTGCCT TTCTCCTGGT CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTCT GTTGTTTTCT GTTGTTTTCT CCATTTGTTA AGGTTGTCTG AGACTGCATT CACAGCTCAC TTGATGTCAG TTGCCACACA ATGTTTTATC CTTTGGAGGG GACCTTGAAG ACCTAGATTA CAGCAATCTT ATAAGCAGTG TTATACTCAC TAACACAAAT AACGGGTGGT GTTCTGGTGG CGCTTTTGTT	CTGGTTTCAC AAGAATTCAT AATAAGCTCT AGTAGCCTTC TTTCTTGAAG AAATCAAGCT TTCTGTGTAA GTTCACATTT CTCAGGATTT CGCATTTAGGA TTGTGTATTGG CTAGGAGCCA GCCCCTCCT CCTGTCACAC CTCATCTAAT TCAGTTGATT GCATTTGATT GCATTTGATT GCATTTGATT GCATTTGATT GCACCCAGGAA TTATTGATTG CACCCAGAGT TTATTGCCCAC TGATTCTATG AACTTTTGAT GCATCTTATG ACCTTCTTATG ACCTTTTTATG CACTTGTTATG CACTTGTTATG CACTTGTTATG CACTTGTTATG CACTTCTTATG CACTTCTTATTATG CACTTCTTTATG CACTTCTTATG CA	AAATAAAGGG TGTATTTTTA AAAATGTCTT TTTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA GCTCATGGTTAG AAACTAAAGA CTCCCAGCTC CCATCAGAAA TTCAAATTTC GAGGTTAGCC AAGGATCCTG GAATAAGTGG GCCCCAGAAT AGAATTCAAG GTACTGCCCG TGGCAAGGTG TTTCATTTACA TTCATTTGCCAT TGCCAATGAG GGCTTTGCCCAT TGCCAATGAG GGCTTTTGCCCAT	TIGCTIGAATICC TIGATATTTAT AGGATTTTTAT AGGATTTTTG TAATIGTTIGGG GGCTTACAGT GCCTIGTTTAG CAAATTTAGC AATIGTIGGGCA CTGAAAACAC CTAAAACTCAC CTAAAACTCAC CTAAAGACTGA CTAGAGACTTA CAGCAATIGA CAGCAATIGA CATTTIGCCAGG TTATTIGAGGA CAAAAGCCCT GAGAAGATAT TIGGGGACATAG AACTTIGCTIGG TIGTIGGTIGCA TIGTIGGTIGCA TIGTIGGTICCA TIGTIGGTICCA GACATTTTIGC CATTIGAGGCC AGTTTICTTCA
170001 170051 170101 170151 170201 170251 170301 170351 170401 170551 170601 170651 170701 170851 170901 170951 171001 171051 171001 171051 171101 171151 171201 171251	AGAAAAATCT TICCTIGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT AGCTTCGCAC CAGCATGACT AGTGTTGGCT ATGATTGTGG ATTTCCTTAC CCCACATTCC AAACTCCATT AAATTTGTCC AAATCTCTG TCGCAGTAGC GTTTCTATCA CCTAGGAGGG GGGTGTTACA CCTAGGAGGG GGGTGACTC GCAACTTCT AAAGGGTGAGT CTGCCATGA AACTGCCATG AACTGCCATG AGCTAGAGAT CTTTGCCCCA	AATTCTGCCT TTCTCCTGGT CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTCT GTTGTTTTCT GTTGTTTTCT CCATTTGTTA AGTTTGTCTG AGACTGCATT CACAGCTCAC TTGATGTCAG TTGCCACACA ATGTTTTATC CTTTGGAGGG GACCTTGAAG ACCTAGATTA CAGCAATCTT ATAAGCAGTG TTATACTCAC TAACACAAAT AACGGGTGGT GTTCTGGTGG CGCTTTTGTT TGTGGACTAG CGCTTTTGTT TGTGGACTAG TTGTGGTGG CGCTTTTGTT TGTGGACTAG	CTGGTTTCAC AAGAATTCAT AATAAGCTCT AGTAGCCTTC TTTCTTGAAG AAATCAAGCT TTCTGTGTAA GTTCACATTT CTCAGGATTT CGCATTAGGA TTGTGTATTGG CTAGGAGCCA GCCCCTCCT CCTGTCACAC CTCATCTAAT TCAGTTGATT GCATTTGATT GCATTTGATT GCACCCAGGAA TTATTGATTG CACCCAGGAA TTATTGATTG CACCCAGGAG TTATTGCCCCAC TGATTCTATG CACCCAGGAA TTATTGATTG CACCCAGGAG TTATTGATTG CACCCAGGAG TTATTGATTG CACCCAGGAG TTATTGATTG CACCCAGGAG TTATTGATTG CACCCAGGAG TTATTGCCCCAC TGATTCTATG CACTTTTTAGG CAGTGTCTTA GCCATCTGCT ATCCTGTTTT	AAATAAAGGG TGTATTTTTA AAAATGTCTT TTTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA GCTCATGTTTG GCTGAGAAC TCCCAGCTC CCATCAGAAA TTCAAATTTC GAGGTTAGCC AAGGATCCTG GAATAAGTGG GCCCCAGAAT AGAATTCAAG GTACTGCCCG TGGCAAGGTG TTTCATTTAC AAAGGGTAAC TCATTGCCAT TGCCAATGAGA GCCTTTGCCAGAAC TCATTGCCAT TGCCAATGAG GGCTTTGCCAGAAC TCATTGCCAGAAC TCATTGCCAGAAC TCATTGCCAGAAC TCATTGCCAGAAC GGCTTTCAGCAGAAC GGCTTCAGCAGAAC GGCTCAGAAC GGCTCAGACAC GGCTCAGACAC GGCTCAGACAC GGCCCCAGAAC TCAGCAGAC GGCTCAGACAC GGCCCCAGAAC TCAGCAGAAC TCAGCAGAC GGCCCCAGAAC TCAGCAGAC TCAGCAC TCAGCACAC TCAGCACAC TCAGCACA	TIGCTIGAATICC TIGATATTTAT AGGATTTTTG TAATIGTTIGGG GGCTTACAGT GCCTIGTTTAG CAAATTTAGC AATIGTIGGGCA CTGAAAACAC CTAAACTCAC CTAGAGACTTA CAGCAATTGAC CAAAAGCCCT GAGAAGATAT TIGGGGACATTA TIGGGGCATTGCTGG TIGTIGGTGCA TIGGGGCATTTGTGCAATTA TTCTGGGTCA CACTTTGACCC AGTTTTTCACC
170001 170051 170101 170101 170101 170201 170301 170301 170401 170401 170651 170601 170651 170601 170851 170901 170951 171001 171051 171101 171101 171101 171101 171101 171101 171101 171101	AGAAAAATCT TICCTIGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT AGCTTCGCAC CAGCATGACT AGTGTTGGCT ATGATTGTGG ATTTCCTTAC CCCACATTCC AAACTCCATT AAATTTGTCC AAATCTCTG TCGCAGTAGC GTTTCTATCA CCTAGGAGGG GGGTGTTACA CCTAGGAGGG GGGTGTTACA CCTAGGAGGG GGGTGTTACA CCTAGGAGGG GGGTGACTC GCAACTGCAT AAGGGTGAGT CTTGCCATGGA AACTGCCATG AGCTAGAGAT CTTTGCCCCC AGAAAACAAG	AATTCTGCCT TTCTCCTGGT CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTCT GTTGTTTTCT GTTGTTTTCT CACATTTGTTA AGTTTGTCTG AGACTGCATT CACAGCTCAC TTGATGTCAG TTGCCACACA ATGTTTTATC CTTTGGAGGG GACCTTGAAG ACCTAGATTA CAGCAATCTT ATAAGCAGTG TTATACTCAC TAACACAAAT AACGGGTGGT GTTCTGGTGG CGCTTTTGTT TGTGGACTAG TCTTGTTGGT	CTGGTTTCAC AAGAATTCAT AATAAGCTCT AGTAGCCTTC TTTCTTGAAG AAATCAAGCT TTCTGTGTAA GTTCACATTT CTCAGGATTT CGCATTAGGA TTGTGATTAGG CTAGGAGCCA GCCCCCTCCT CCTGTCACAC CTCATCTAAT TCAGTTGATT GCATTTGATT GCACAGGCCA CCCCCAGGAA TTATTGATTG CACCCAGGAGT TTATGCCCAC TGATTCTATG AACTTTTGAT GACCTGCT AACTTTTGAT CCCTGCTT CTCCTGCTT CTCCTACCTT CTCCTACCTT CTCCTACCTT CTCCTACCTT	AAATAAAGGG TGTATTTTTA AAAATGTCTT TTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA GCTCATGTTT GGCTGAGAAC CTCCCAGCTC CCATCAGAAA TTCAAATTTC GAGGTTAGCC AAGGATCCTG GAATAAGTGG GCCCCAGAAT AGAATTCAAG GTACTGCCCG TGGCAAGGT TTTCATTTAC AAAGGGTAAC TCATTTGCCAT TGCCAATGAG GGCTTTGCCCC GTTCAGCAGA ATTCCCCCCT	TIGCTIGAATICC TIGATATTTAT AGGATTTTTT AGGATTTTTG TAATIGTTIGGG GGCTTACAGT GCCTIGTTTAG CAAATTTAGC AATIGTIGGGCA CTGAAAACAC CTAAACTCAC TAAAGACTGA CTAGAGACTA CAGCAATIGGA CTAGAGACTA CAGCAATIGGA CTAGAGACTA CAGCAATIGGA CTAGAGACTA CAGCAATIGGA CTAGAGACTA TIGGGGCA TIGGGGTCA TIGGGGTCA TIGGGGTCA TIGGGGTCA TIGCCAATTTIGTCAGGTCA TIGGGTCA TIGGGGTCA TIGGCGGCC AGTTTTCTCA GTTTTTCACC CAGAGATTAG CAGAGATTA
170001 170051 170101 170101 170201 170251 170301 170351 170401 170451 170601 170651 170601 170751 170801 170951 170901 171001 171051 171101 171151 171201 171151 171201 171251 171251 171301 171351 171401	AGAAAAATCT TICCIGGTTT TCACTACGGC TGTCCICGAT AAACTTAACT TGCTIGTATT AGCTTGCACT AGTGTTGGCAC AGTGTTGGCT ATGATTGTGC ATGATTGTGC ATGATTGTGC ATGATTGTGC ATGATTGTGC ATGATTGTGC ATGATTGTC AAATTTCTTAC CCCACATTCC AAATCTCTT TCGCAGTAGC GGTGTTAGA GGGTAACTC GCAACTGTAT AAGGGTGAGT CTGCCATGGA AACTGCCATG AGCTAGGAGGT AGCTAGGAGGT AGCTAGGAGAT CTTTGCCCATGGA AACTGCCATGA AACTGCCATGA AACTGCCATGA AACTGCCATGA AACTGCCATGA AACTGCCATGA AACTGCCCA TGTAAGTGCT TGTAAGTGCT	AATTCTGCCT TTCTCCTGGT CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTCT GTTGTTTTCT GTTGTTTTCT GTTGTTTCT AGACTGCATT CACAGCTCAC TTGATGTCAG TTGCCACACA ATGTTTTATC CTTTGGAGG GACCTIGAAG ACCTAGATTA CAGCAATCTT ATAAGCAGTG TTATACTCAC TAACACAAAT AACGGGTGGT GTTCTTGGTGG CGCTTTTGTTGT TGTGGACTAG TCTTGTTGGT TTGTTGGT TTGTTGGT TTGTTGGT TTGTTG	CTGGTTTCAC AAGAATTCAT AATAAGCTCT AGTAGCCTTC TTTCTTGAAG AAATCAAGCT TTCTTGTAAG GAATTCACATTT CTCAGGATTT CGCATTAGGA TTGTGATTGG CTAGGAGCCA GCCCCCTCCT CCTGTCACAC CTCATCTAAT TCAGTTGATT GCACTTGATT GCACTTGATT GCACTGGATT GCACTGGATT GCACTGGATT GCACTGGATT CAGTTGATT GCACTGGATT CACCCAGGAG TTATTGATT ACCCACTGATT ATCCTGCTT ATCCTGTTTT AGGGCTGCAG TTTATAAACA	AAATAAAGGG TGTATTTTTA AAAATGTCTT TTTTGGCTTCC TAGGATGTAA GTCTGACTTIG CAAATTACCA CTTAGGTTAG AAACTAAAGA GCTCATGTTT GGCTGAGAAC CTCCCAGCTC CCATCAGAAA TTCAAATTTC GAGGTTAGCC AAGGATCCTIG GAATAAGGA GCCCCAGAAT AGAATACTIG GAATAAGTIG TTCATTTAC AAAGGGTAAC TCATTIGCCAT TGCCATTIGCCAT TGCCATTIGCCAT TGCCATTIGCCAT TTGCCACT ATTGGGCACAG TAGGCTCTIGC	TIGCTIGAATICC TIGATATTTAT AGGATTTTAT AGGATTTTAT AGGATTTTAG GCCTGTTTAG GCCTGTTTAG CAAATTTAGC AATGTGGGCA CTGAAAACAC CTAAAGACTGA CTAGAGACTGA CTAGAGACTGA CTAGAGACTA CAGCAATGGA CTATTGCCAGG TTATTGAGGA CAAAAGCCCT GAGAAGACTA TGGGACATAG AACTTGCTGG TTGTGGTGCA TTGTGGTGCA TTGTGGTGCA TTGTGGTCCA GCATTTGTC CATTGAGCGC AGTTTTCAC GTTTTCAC CAGAGATTAG GTCTATCTTC CTAGCATGGG CTAGCATTGC CTAGCATGGG CTCATTCTC CTAGCATGGG CTCATCTTC CTAGCATGGC CTAGCATGGG CTCATCTTC CTAGCATC CTAGCATTC CTAGCATGGG CTCATCTTTC CTAGCATGGG CTCATCTTC CTAGCATGGG CTCATCTTTC CTAGCATGGG CTCATCTTTC CTAGCATGGG CTCATCTTTTC CTAGCATTTTC CTAGCATTC CTAGCATTTTC CTAGCATTTTC CTAGCATTTTTTC CTAGCATTT
170001 170051 170101 170101 170201 170251 170301 170351 170401 170451 170601 170651 170601 170751 170801 170951 170901 171001 171051 171101 171151 171201 171151 171201 171251 171251 171301 171351 171401	AGAAAAATCT TICCIGGTTT TCACTACGGC TGTCCICGAT AAACTTAACT TGCTIGTATT AGCTTGCACT AGTGTTGGCAC AGTGTTGGCT ATGATTGTGC ATGATTGTGC ATGATTGTGC ATGATTGTGC ATGATTGTGC ATGATTGTGC ATGATTGTC AAATTTCTTAC CCCACATTCC AAATCTCTT TCGCAGTAGC GGTGTTAGA GGGTAACTC GCAACTGTAT AAGGGTGAGT CTGCCATGGA AACTGCCATG AGCTAGGAGGT AGCTAGGAGGT AGCTAGGAGAT CTTTGCCCATGGA AACTGCCATGA AACTGCCATGA AACTGCCATGA AACTGCCATGA AACTGCCATGA AACTGCCATGA AACTGCCCA TGTAAGTGCT TGTAAGTGCT	AATTCTGCCT TTCTCCTGGT CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTCT GTTGTTTTCT GTTGTTTTCT GTTGTTTCT AGACTGCATT CACAGCTCAC TTGATGTCAG TTGCCACACA ATGTTTTATC CTTTGGAGG GACCTIGAAG ACCTAGATTA CAGCAATCTT ATAAGCAGTG TTATACTCAC TAACACAAAT AACGGGTGGT GTTCTTGGTGG CGCTTTTGTTGT TGTGGACTAG TCTTGTTGGT TTGTTGGT TTGTTGGT TTGTTGGT TTGTTG	CTGGTTTCAC AAGAATTCAT AATAAGCTCT AGTAGCCTTC TTTCTTGAAG AAATCAAGCT TTCTTGTAAG GAATTCACATTT CTCAGGATTT CGCATTAGGA TTGTGATTGG CTAGGAGCCA GCCCCCTCCT CCTGTCACAC CTCATCTAAT TCAGTTGATT GCACTTGATT GCACTTGATT GCACTGGATT GCACTGGATT GCACTGGATT GCACTGGATT CAGTTGATT GCACTGGATT CACCCAGGAG TTATTGATT ACCCACTGATT ATCCTGCTT ATCCTGTTTT AGGGCTGCAG TTTATAAACA	AAATAAAGGG TGTATTTTTA AAAATGTCTT TTTTGGCTTCC TAGGATGTAA GTCTGACTTIG CAAATTACCA CTTAGGTTAG AAACTAAAGA GCTCATGTTT GGCTGAGAAC CTCCCAGCTC CCATCAGAAA TTCAAATTTC GAGGTTAGCC AAGGATCCTIG GAATAAGGA GCCCCAGAAT AGAATACTIG GAATAAGTIG TTCATTTAC AAAGGGTAAC TCATTIGCCAT TGCCATTIGCCAT TGCCATTIGCCAT TGCCATTIGCCAT TTGCCACT ATTGGGCACAG TAGGCTCTIGC	TIGCTIGAATICE TIGATATTTAT AGGATTTTAT AGGATTTTAT AGGATTTTAG GACTTACAGT GCCTIGTTTAG CAAATTTAGC AATGTIGGGCA CTGAAAACAC CTAAACTCAC TAAAGACTGA CTAGAGACTA CAGCAATIGA CTAGAGACTA CAGCAATIGA CTATTIGCCAGG TTATTIGAGGA CAAAAGCCT GAGAAGATTAT TGGGACATTAG AACTTGCTGG TTGTIGGTIGCA TGGGCTTTTIG ATGCAAATTA TTCTGGGTCA GACATTTGTC CATTIGACC AGTTTTTCAC CAGAGATTAG GTCTATCTTC

171501 TTTTCATTTT CTGGGTCAGA AGATAAGATG AGTTGGAAGC CTTGTGCCAG 171551 CATCATCTTT ATGTTGACTT TAGAAGATAC AAACTTTAGT AGGAGGTTAA 171601 ACAAGAAAAT TACAATTATA AGGAAGAGAA AACTTAATGC TCCTATGCCC 171651 ACCCACAGCA TCACATTATT TATCTGTGTG TTTGTGAAAT AATAGCTTTA 171701 AGTICTICTAG AGGITTIGTAA GITATGGTGT CTTCCTCTTA TGCCTGCAGC 171751 GACTTGCAAG AAACAGGTTT AATCCTGGAC AGCTGTATCC AGCTAGTGAT 171801 TCTCTAATGT TTGACAGCAG TGGAGGTCCT TAACAATACC TGATAGGGGT 171851 CCTTCCATTT TGGGTTGTAA TTGATCATCA GGGGATCTTT CTTTTAAGT 171901 TCTTAGTAAG ACTAAGTCTG GTTAAACAGA GGAACTATTT TTTTCTTTGT 171951 GGGAAACGGC AACACTITAT TTTCATAATT TTGAAAGGCC TTTTGAACCT 172001 GGCCTAAATT CCAAGAGCCG GGGTGGCATA GTGAAGTCTG TCCAACCCCC 172051 TATTTCCCAT CATGGCTTGA ATTAGTTTTT TAGGTTTCTG TAGGATTTCC
172101 TTTGGCCGGG GAACGTGTAA GTCAAAAGAC TTATAGCCAA TTAAACATTT 172151 TAGGCCAGAG AGGAATIGAG GTGGCTTAAA ACATTTTAAG CAATATAGGA 172201 GTCAAATATT AAAAGCCAAA AATAAGATTA TATATCAAGA AAAACCAAGA 172251 GCATCAAATC AAGCTATACT GGGGGAAAAG TGTTCCTGTA GATCTCTAAG 172301 GCAAAACACT CTAGTATCAG GCCATAACAG CAGTCAGAAC CAGAGGAGAA 172351 ACAAGTCACA GGAGCTGACA AAAAAGCTAA AGGAAAGAGT TACACAAATC 172401 TGAGAAGCTT TCAAAAGAAA TAAATCACAG AATTGAAAAA GCAAAAATTC 172451 TGGTAAGTTA GCAAATTAAT ACCTTAAGAA AAGCTGGCTC TAACACCTAG 172501 ACCATTTTCT AGAAAGTCTA CCACGAACAG TTTTCCTTCA GTCACAGCCA 172551 GCTTAATCAC ACACAAAACT CCCCTCACAA ATTCCCTTTC ACAAACCCCA 172601 TTATCACCCA CACAGACCAT CCATGACATG TCTGGACCTT GTGACCTGTC 172651 CTACACCATC TCCCTCTCAA ACAACCAGTT ACTTTACTCT AGGACAAGAA 172701 TCCACCATGC AAGGTCCCTC ATACAAAATC ACTTTCTTTA TATCCCTCCC 172801 GTGTGTGTAT ATATATATAT ATCTTTTATC CACACTTTCC TCACATCCCT 172851 CTTTTTATTC ATTIGATTCCC TCTTATTTTG AACCATGGCC TAAATGTGCT 172901 GTATATATTC TGTAGTTATG GTGGGGAAAG TGCCTTCAGT ATTTAGTGAT 172951 AATTATAAAA AAGTTTAATA TITAATTCAT TTCTCTTTCA GGTAGAACTC 173001 CCTGTGGAAC ATGAATTTTT TTTAACTATA CTTTTGTTAC TACTCAGATG 173051 ATATATACTG TATCAAAAGT GTATGTCCTT GTCAAGTTCT CTAAAGTTTG 173101 TGAAATACAA GAGAATATGC AGTAAAATTT TAAGTCTGTT TCCTTTCCAG 173151 ATACTTTTTC TCTGAAGAAC TACTGTGGAA CATTACTTAT ATTGTTTAAT 173201 AGTACTATAA AGTTGTTTCC ACACTTGTAT GATTAGCACG TAATGTTCAA 173251 ACTIGTIGCCAT GAATIGTIGCTIG GTAGAAACAA AACAGTTTTA AGGACAATTA 173301 AAACAACAAC ATCCTGTTAT GAAGTAAAGA CACAGTTTTT ACCATCTTTA 173351 TTGTCTGGAA GAAACTGTAG TAGGAATAAA AGAGGCGACG AAGAGTTAAA 173401 GTACATTTTA TGTTTTTAGG CTAAAACTGA TTAAAAAAAA AAGATCATTG 173451 TAGGGTCAAA GAAATTGATA TATATAGTGT AATTTTGGCT ACATTAAATC 173501 CAGGCATTTG GCCTTTTAAA TTAGCTAGCA TATTTTACAA TCTTGTTGCC 173551 TCTTACCCCA CAACCTCTAT GITATGATGA TITTAGGITA GTATGITAAA 173601 ACAAGGAGAA TTCCTGGACT GTCACAGGAG TGAAATTGAT ATCATTATGT 173651 TACCCATGTG TTGTGCATAT TTAGTGTCTC TTTTTGACAG TATTTCAGTT 173701 TCATGTCTTC TGGGGAGACT AAAGCCAAAG TTTCTTGGGG ATTCTGGTGT 173751 TTTAGCAAAG ACAGTGAGAC ACATAGCTCA AGAACTGCGT TATTTTACTC 173801 CTTGCTATGT CACATTTACA TGTCAGACTC ATTTGCTGTG ATGTAGCACA 173851 CTAGGCTGGT GAAATAATTG CTTGTGATGT CCCTAAATCC CCGAGGCTTT
173901 TTTCTACCTC CTGCTTAGAT AGTGAAGAGA AGTTGAAGTT GCGTCCTCTA
173951 GTGTTCATTT TGCGTAAGAG TGATAGGATG CGGTAGGACA GATGAAGATT 174001 AATGAGATTG TGTGATATCA AGTAGGCTCA TTGTCTTTAG ATTGATTGCT 174051 GATGGTCTGG ATTTGCTTAG CATCAGGAGA GTTTAGAAAC AAACAACTAA 174101 TTTATTAATG ATGCCCAAAT AATAGTTAAA TGCCCAAACT TTTGGAATTT 174151 ATGITIGITICA TIIGITIAACAA CTIGCTIGTIGTIG GCCCCCTTTAG AAGTIGTCCAG 174201 TCCATGACAT TITATACATT TGTCTTGAAT CTTAAGGAAA ACATGATCAT 174251 GTCTTCTTTC TOGGGTGATA AGCATGCCTC AAAATAGTTT TAATTCTGTG 174301 AATATCTTTG AATTCAGTTT ATTTGGGTAC TTTTAGTACG GATACCTACT 174351 ATATAACAAG CTOCTAATAA GAACTATTAA ATTATAAGCA TTATCCCTAG 174401 OGTATAAACC TAGTTTTCTT GTAGTAGGAA ATTTGAAGGA CTTCAAAAAT 174451 TTTACTTTAA GCCATCTATG GAAAAGATTG CCCAATTGAG AAAAATTGTG 174501 AAAGATATGT AGAAGTCTTA AATAATTTTG GTTTCAGGAT TATTTTCTAT 174551 TGTTGTGTTA GACTCATGGA GGTAGTAAAT TGGCATTAAT TTTCCTTACA 174601 GTTTTTCTGG AAGAGGAAAT ATGCTTAATG AGCTAAATAA GACATAACAT 174651 TTTGTTTCT TACATTGTTG CAAATTGAAG TTGGGTTTTG TTGTTTGTTT 174701 GTTTTGAGAT GCAGGTCTGG CTGTGTTGCC AGGCTGAAGT GCAGTGTCTA 174751 TTCACAGATC ATTAAGITGT GCAGCCTTAA ACCTTTGGAC TCAAGCAATC 174801 TCCTGCCTCA GCCTCCCAAG TAGCTAAGAT TATAGGTGTG CACCACAGCA

174851 TCCAGCTTAA AATTTAGTTT TCTAGAAAGT TTTATGACAT GGGGAAAAGT 174901 TAATTAACAA TATTTAGGAA TGTCCACAAA TAAAAAGCTA AATATACGTA 174951 TCTTTGGATA TTCAAATGAC TAGTATTCCA AAAATACCCT CAGAAGAAAG

## FIGURE 3XX

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	GCTACAAATG				
175051	TTCTAATATT	ACTICTTA	<b>GCTAAGTCAG</b>	AACTAAAAAA	AAAAAAGCTG
175101	CAAGGACTAA	TTGACATTAA	TAGTTCAAAT	GAATCATAAT	TCTTTACTTT
175151	CCCAAAAGTA	TTTAAGGAAT	<b>GGATGCCTAT</b>	TAATCTTTCA	CATTGTTTAT
175201	CAAAATGATG	TGAATAGTCT	TTGGTGAGCC	<b>ATATTAAGAT</b>	TAAAGCTGGA
175251	AAGCCTCCTG	TACGGTTGTT	TTCCAATTTC	AGCTTTGCCA	TCTTTACACA
175301	AGACTICTICAT	AAGIGITITI	GITATIGITG	CTGGATTCTT	CHIGHIG
175351	TTTTAAAAC	TOCAGETICATE	TTAACTICTA	TEACACTTAT	TATICITATC
	TTCTATGGCA				
	GAGATCAGAG				
	ACTICATITIC				
	AGACCATGGC				
	CCATTGTCTA				
	TAAAAGTGGT				
	GTCCTCATAA				
	GTTTGICTG				
175801	AGACTTATGG	CCTATAAAGC	CTAAATTATA	TACTCTAGAC	CTTTGCAGAA
175851	AAAGTTTCCT	GACTCTTGAT	गाजाट्टााडा	<b>AAGTTTTTAG</b>	AAGATTAGTA
175901	GCCTTTAATG	TCIGITGITC	<b>ATATATGAAC</b>	CTCACGTTTT	TGTTTCTTTT
175951	TAAAAAAGAT	TATTTTAATT	GACATAAAAA	TIGIATCIGI	TTATAGAGTA
	CAACATGTTG				
	GCTATTTAAC				
	GGACACTTAA				
	TTAACGATAG				
	TGTTTAACTG				
	AGACCTCCAG				
170231	AGACCICCAG	GCCCIGATAA	CACATICI	ACTITICISCI	ATTEMPORE
	CGACTTTTTA				
	CTTIGICIGG				
	TTGTCACAAA				
	TTCTGTATAC				
	TTAGGTTGAT				
176551	GGAGTGCAGA	TGTCTCTTGG	ACATACTGAT	TTCATTTCCT	TTGGATATAT
176601	ACTCAATAGT	<b>GGAATTGCTG</b>	GATCATAAGA	TAGTTTTATT	TTAAATTTTT
176651	TAGGAACTTC	CACACTATTT	<b>TCTCTAATAT</b>	<b>CTGAAGTAAT</b>	TTATGTTCCT
176701	ACCAACAGTG	TACAAGGGGT	CTCTTTTCTC	CACATCCTCA	CCAACATTTA
176751	TCTTTCATGT	TTTTGACAAT	<b>AGCTATTCTA</b>	ACAGGTATGA	AATGGTATCT
	CATTGTGGTT				
	TAAAAAATAT				
	CAGGICITIT				
	TTATAAATTT				
	AAACATATTC				
	CCTTTGCTGT				
	TITICITIIG				
	CAGGCCAGTG				
	CAGTTTTAGC				
	CAGAGTTTTT				
	CTGAAGATAC				
	TAAATAATAG				
	CCTCTTGAAA				
	ACTAAATACT				
	ATTGTTATTA				
177551	AAAGTTCCAT	TGGTTATTAG	CTTTTGTAG	TTATGAGTTG	TATGCCCTTT
	TTAGTATTTA				
<i>177651</i>	<b>AAGATTCTGT</b>	<b>GTTTAGATAT</b>	<b>ATTIGTTTAG</b>	TAAATAATAT	TIGATGITGE
	CAACGTGAAT				
	AATACATGTT				
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	CACTGACACC				
	TATTCACCCA				
177951	ATTITIGIGE	CAGACTATTA	GAAGITCIT	TAATCTGATG	AACAAGCAGC
178001	TGTTTGTCTC	CTAMACCCT	CTATACCTCT	ACCTICATION OF	ΑΤΤΟΓΔΔΛΩΤ
178051	CTGTAAAGAG	CAGTTITAA	TOTAL	ATATIONITI	CLLIVILL
	TTAAAACTGT				
	THETTHE				
	CCGTCTAAAG				
	TCTGAAGTTG				
	ATCAGTACAC				
	GCTTCTCCTA				
178401					
	ATTGAGATTG				
	ATTGAGATTG AGCCCAGGTC				

	55/15 1
178501 GCTTGTGCAG TTAATTTGAT	TTAAGTTTCA GCAACTGAGG CACAATATAT
	TCCAAAATTA GCTCCTCTAA GTTTCTCCTA
	TATTCTTTIC TITAAGTCCA AGTGATTTCC
	GCTACAAAGG CTTTAGGCCA TAGGAATAGA
	TCATCTTATT AGATTIGATT AATCTTCCCA
	TGTTTCTGTC ATTCTCTATG TATTTCTTTA TATATATCTT AAATACCAAG AAGAATTTAT
	TIGITTAAAG TATCTAGTTC AAGATCCCCA
	ACATTTAATT GACATGGAGA TAATTAGGGG
	AGAGAACTCC TAAAGAGAAA CTAGATGGTT
	AACAGATGAA AGTAAAATTC TGCTATTAAG
	ATGCTTTCTG CTTTCTTTGG TGGAAATAGA
	TTCATTCATT GAAATTCAGA TAAATTCATA
	ATACTGATAA GGTGAAGAGT TCAACACTAA
	TATTTAAAAC CAGCTATTTT AATTTCTTTT
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	TTGAACTITT TGCTTATAGT GCTTTGGGCA
	TATTICTIGGA TGAATTTTTT GAGAGTGCAC
	GCATAATGCC AGCAATGTAG CTGAGGAAAT
	TTTGACACCT GTAACAGAGG ATAAATATGA
179551 TAGGGGCCAG AGTGCCTTAT	ACAGAGTGTG ATAGGAAAGC TCAAAACTAA
	GTAAAGGCAG ACAGATGGTT GCAGAGATCT
	GITATTAACA GACTGTGTAT TATTTGAAAT
	CTGTTTCTGT ACCTGTGAAA AATGTACTAG
	CAAGCTCTAC AATTATCTTC TTTTGTGACA GATTATCAAT GTTATATAAA AGGATGTTAC
	GITTIGIT THGITTCI GITTIGITIC
	AGACTITICIT GITACIGIAA OGITTATTIC
	AGCAGATATT ATCCAGGTGT GCAAAAGTGA
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	TIGIGTAATA AAAACCTIGC TIGACAGTIG
	ATTTAAAATT TATTACTCTT TGAAAAAGGA
	THICTITIT CACAGATGIC TGATTAGCCT
	AATATACITT TAACTATTIT TTAATGAATA AGTTAGAATA GAAATATCTA ACTGTATGAT
	ATTIGAMAA GCTTCTIGIC TICTATIGIT
	TTTGAGAACG AATGTTCAGT GTAGCCAAAA
180401 CCTAAATCTG GGGCTATATG	TTGAATGTTT TAAAGTCACT AGTAGAAGGG
180451 CAATTTGGTG GCTAATTTTA	AAGTACATAA AGAGTATTAA CAATAATGAA
	गाटाबाबाब बाबाबाबाबा बाबाबाबाबा
	TCAAAAAGT ATCTGAAGGG GCCTGTAATA
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	AAGAGTITAA GCTTTGCAAC ACTTAATTGA TGGAAAAAAA TGAACCTTCA TACATTTTGA
	TAACTITIGGT ATTIGCAGTTA CTICTTTTTTIG
	CCTGAAATGT TTCCTGAGTA CAGGCTCTAC
	TATTTATCCA AAGAGCAGCT TAAAGAAATG
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	GACTGGGGAG CGGAGAGCAC TGGGAAAAAG
	TTAGCAGTCA TTAGGTATGC AGTATGCATT ACATATGATG TCTAGTTAAT TTTAGTCAAA
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	COGTIGTIGT TIGTTCTTTC TTAAAAAAAT
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	CCCAAATGTC TACCTACGTG AATGAATAAA
	TIGGTGAAATA CTACTCAGTC ATGAAAAGGA AAGATGGATA AATTTCAAAA GCATTATGCT
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181851 TTTGTGGTAA CCCTGCAAGT	CCATTGGTGC CATTTTTCCA ACAGCATATT
	TITTIGIAAT ATTICAATCT TCCTCATTAT
IAITAITAI DIATION TOCTOR	CTGAGATCAG TGATATTTAA CATTATTATT

182001 GTAATTGTTT TAGGACACCA TAAACCACAC CCATGTAAGA CAGCAAACCT
182051 AATAAATAAA CGTTTTGTGT TCTGGTTGCT CCAACAGCCA GCCATTTTTC
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			CCTGGGTGCA		
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			GCCGCGCTCC		
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			TTCTTAATAA		
			AGAATTTATT		
			ATCTAATTTT		
			AAAGCTAGAT		
			GACCAGTGCC		
			ACCTITIGT		
			TCTGTTTACA		
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			TTTGTCATAG		
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			TTATGAATGT		
			ATTCTATAGT		
			TTAGAGGCTA		
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186751	TAAACCAGAA	TTCAGTCTTT	<b>GATGATTGCA</b>	TTATATTACT	AAGTGATTTG
			AGAGAAAGAG		
			<b>जजजञ्</b> ज		
			AATTGAAGTT		
			CAGGAAAATT		
			TTGGAAAACT		
			GAACACAGCC ATGGGAGAGT		
			ATGTGTACCA		
			GGTATTAGTA		
			TATCTGAAGC		
			CATCTGACAC		
187351	TTCTCACTCT	GATTCTCCAT	ACCTCCTTTT	ATGCTACTCA	<b>GCTGTTTTT</b>
			GTGTAGTGAA		
			TIGICIGICI		
18/501	GAAGCATTTT	TGICIATTIT	GAGCAAGGAT	THIGICGIA	TTTACTGGTA
			ATAGTAGCAG		
			TCAATTTAGA CAAAATGCAA		
			TCTCTGTTCT		
			TITAGCTACA		
			TAGTTCAGTA		
187851	AACGAACACT	AAGATTAAAG	CTCATGTTAA	CTACTCTGAT	GGCCTTGAGG
			TCACCATTAA		
			AGTTATATTC		
			AGTTGCAAAA		
			GTTGATATTT		
			AGTGAGAAAA		
			AAACAAAGAA AATTTTATAG		
			ATTACAAGTT		
			CAAAATTGAA		
			AAGATAATAA		
			GGCACAGCAC		
188451	TCTGTAACTC	TCCTGACAAC	CCTGCAAAGT	AGTACCTCTG	TTTACATTTT
188501	GAAGATGAGA	AAATTACTGC	TCAAAGAGAT	TAAATAGCTT	GCCATGATTC
			GGCAGTATTG		
			ATCCCGTAGC		
			TGACTATACT		
			ACTTATACTC		
188801	ACCACATECE	TOCTOATTO	CTGAATAACC CGTGGAGTAA	TAAATCCCTA	CCTCTTTTCA
188851	TTTTCAACTT	CAACCCATTC	CTTCTAATTT	TAACCCAACC	TGTATTTTT
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			ATTGGTTTGA		

189001 CTTGTATTCT GACTTAGCAT AGAGTTTTAT ATTTTCTGAG TAGCATAGAC	Ξ
189051 CCATATATTT TTGGACACCC CTCGTATTTT ACATTTAATA GAATGATGA	٦ -
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189151 GAAGATATTG GCATTTCTGA TAAAGTTTGT ATATTAAAGT. CTTATGGTA( 189201 CCTATGAAAA AGAGCTTGTT TGGAAAAATT GAGAGATTCA AGTTTTGTAT	J
189251 TATACTTAAG TTTTGTCACT TCATCAAATG CCTCCCTTTC TATGTCTTAT	T
189301 CATGAATITA TITTITICCC TITAATAGTA GATCAAATAT AGATAGCCAC	
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189501 TGTCGCCCAG GATGGGGTGC AATGGCATGA TCTCTGCTCA TTGCAACTTC	C
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189801 GCTTAAATT ATTATCTATT GAGTGAATGA ATGGCTGGCT GACTGAATG	À
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190201 GATTTAAGGA TGTGATTTCT TTTATAGTCA GTATTTTTAA CATATCACA	÷
190251 TTGAGTCTTT TAAAACTTAA CTGCTTCCTT CTTTCACATA TCAGTTTCT	ċ
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190851 TTATTTTCT GTGTGTGCAT TTTCTTGTGT TTATTTTCAT TGGTTTTGA	G
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191351 TGGATTTTAT TTTCAGTTTT CATATGTAAA TTCTTGCAGC CCTTCCCCA 191401 GGTTGGGCCT GATTTTGTTA TGGGATCTTT GGGCTGTTGC TTTTCTGAO	A
191451 AGCAACCTCT GTGGCCAGTG GCGCCTTTGC CTGAGTTCTT GTCCTGCAT	č
191501 TAGGAAGAAT GAGGTACATA GACAAGTGGA GGGTGAGCAA GACAAAGAG	Ğ
191551 AGCTITATTG AGTTAGAAAA GCTCAGAAGA GGCCTGCAGT GAGTAGCTO	C
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191851 TCTCTGCAGC CGGTCCCTCC ACTGGCTCTG CTCTGCTCTG	Σ
191901 GGGCTTTTAT GAGCCTCAGA GGGGAGGAAG TGCATGCCGA TTGGTCCATG	G
191951 GGCCTGCGGT AAAGGCACCA CAAGTCCCCA CTCTGGTCCG CAGGGCTGG	$\mathbf{c}$
192001 AGCCTGGCCC CCAGCCTTCA GGCCTGCCCT GTTCTGAAGA TGAGGCCTC	Α
192051 CCAGGGACCT GCCCTGCCCC TTCCCACCCA GGAACCTGTC TGCATCCTG	C
192101 TGCTGCCCAT CACACCCAGG CTGCTCACAC CCGTGCCAAG GAGCACCCA	٥
192151 AGGCCAGCCC AGAGCCTCAT TCAGCTCCAT CTTGGCCTCC CTCTCCTAC 192201 TGGCATCCAT AGTCCAGAAG GGCCAAGGTG GCAGGAGGCT GGTGTGTCA	.I
192201 TGGCATCCAT AGTCCAGAAG GGCCAAGGIG GCAGGAGGCT GGTGTGTCA 192251 TGCTGCCTGG AGCAGCACAC ACCTGGCTGG GCCACAACAA CGCTGGGAC	Š
192301 AGGAAGAGGC CAGGCAATGG GAGCAGATAC CCCTGAGTCT GCTGATGATG	
192351 GGGGACCCAC CTGGGTACTC GAGAGCACCA GGAGACCCAG GCCCACAGO	Ć
192401 ACAACCCAGG CAGCTGCAGC TGTGCCTGGG GAGCTCTCAC CCTACCAAC	T
192451 CATAAGGGC AGAGCTCCCG CCAGTCCCTG GCTCTGCAGA GTGTGCAGC	Α

			<b>GCATCTCCCA</b>		
			GCCAACCCAG		
			CCCAGTGGCA		
192651	GTGGGCITTC	AAGACAIGGI	GGGGGGGAG	GTTGAGGCTG	CAATGGCGGC
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			GCTGCCGTC		
			CCCCTCTCC		
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192971	CICCCAAACC	CAGTTGTCGG	GAGCGCCAGG	CTGAACAGTC	ACTICIGACET
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			CCGCCAGCAG		
			CGGGCGCCAC		
			GTGCGTTCAG		
			<b>GGGTCCAACT</b>		
193301	GCCAGACCGT	<b>GCTCTTCCCC</b>	CGCCTGCAGG	TAGGTCGGCC	CGGCCCCACC
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			GGATCCACAG		
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			TGCCATCAAT		
			ACATGGATGT		
			ATTTTGGGGA		
			CTCCCAGGCT		
			CTCATGGGCT		
			TACAGGCGGG		
			AGGGTCTTGC		
			GGACGTTTCT		
			GTTTGGAATG		
			ATTITITAA		
			GTGAATGAGC		
			TAATGAGAAT		
			TGGTTGTTAC		
			GGGATGTTAC		
			CAATGAAACA		
			TAAAGTGTGG		
			<b>ATGTTTACAA</b>		
194401	जााजात	<b>GTTTGTTTGA</b>	<b>ATTACTAATA</b>	AGAGATAAAA	GAGGCTTTAG
194451	<b>AGACAGATTT</b>	TGGGATTTAT	<b>AGATGCAATA</b>	AACACATAAA	CACAGTCTTC
			<b>ATATGGTGAT</b>		
			AACATGAGAA		
			ACTICIACTI		
			GAATTAAATC		
			TGGTAGAATA		
			CTAAAGTTAA		
			TAAGGTAGTT		
			GATAATTIGT AGTCTTIGAT		
			TTTCATAAAG		
			CACAATAATT		
			ACATACACAC		
			GIGITTACAT		
			ATACTGATAG		
			AGATAGAGCA		
			CTACAACAGA		
			CTCTTAAAAA		
			CCATACTACC		
195401	<b>AATGCATGTT</b>	GTCGAAAAAG	TTCTACTTTC	TGTAAAGGAG	GAGAGGGAGA
			GTCACAAATC		
			TGTCTCTTG		
			TCCTTGGGGT		
			GGGCTACGCA		
			GATGGAGGTG		
			ATAAAATAAA		
			GTTATTCTAT		
			TGTTAAGATG		
			AAAACTGTAT GTACCCCAAC		
195051	AGICTICE	TICIACOACI	AATTTTTAA	CACAAACAAA	ΔΔΔΤΔΤΙΑΙΙ
	,				~~

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196051 TATTATATAT AATTATATTA TATATAATAT ATATATTAT
196101 TATATATATA TATATATGIT TICAATACCC ATTICICCCA GITATATACA 196151 ATGCAGGAAA CTATGTATAC CCTTCAGTAC TITGCTTTT TGATTTAGCT
196201 CIGITICTIG CAGATCITIT TCTCTCAGTA AATGGGCATT TTCCTCATCC
196251 TTTTGAAGGA TGCATGGATG AAGAACTACC ATAGTTATTC AACCAGTGCC
196301 TTATTTTATG GATTCTTAGG CTATTGTCAG TCTTTTGCCA CTATTAACAG
196351 TACTACAAAG AGTAATCTTG TCCAGGTGTC ATTTTGTACT TGTGCTGGTT
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196551 AGTAGTTAAT TTAAAAGGGT AAGTAAATAA TCATTTAATG TTTTATATTT
196601 ATGTTAATG ATTTTAACAT AAAACATAAA TATACATTGA TTTCATTTGT
196651 CTTAGGGCAA ATAATTTTTT AAGAATAGTC TGCTCATTGG AGCTCTGTAA
196701 TACCTCTTTT CTAAACCATA TTTTATTAAT TTTAGTGTTT GGCATCTATC
196751 AAGTAGAGTG ATAACTTAAG ATACTCTGAG GTACCTTGAG TATCCCCATT
196801 CATCTACAGC TGTTCTGCCA AACCAAATTA ACAGTTGAGA GTTACTCATC
196851 TITATIGAAT CTITCCTATT TAGGITTITIT TITCTAAAAA ATAATATATT
196901 TATTTGAATC ACATAATTTC AATGTCAAGT AATTGTTAAA CTAGAATTTT
196951 GGAATCAGTA TTTTTTACTC ATGTTTTGTT TACCGGTAAG TCACCTTGCT
197001 TATTACAGTG TCTCAACGTA TTAAGTGTTC AGTAAATTTT CATTGAATGG
197051 AATAGAAGGA AAAGAGGTAG TATGGAAATA GACTCAACTG ATTCTAATTA
197101 TGCACCCAAA ACAAGAAAGC AAAGGTTACG AGAGCAGGAG GAGGGTGCGC
197151 ATAGCAGAGG GCCTTCTTAT CAGCCAGGAT ATTTAACCTC CCATGGCTGA
197201 AGAGTICTAGG AAGTGACATA TITTGCTTTC CAGTCTCCTA ACTTTCTCTT
197251 CITAGACATA CAAAATTTAT ATCAAATAGA GACAGTGTGG GTCCATCTTT
197301 TICCCICATT TIGCTGICAT TITICAAACTT GTTTATTCTG GAAAATTATA
197351 ACATGTCTTG CCAAAATTGA TTGGCTAGAT GTGCTGCAAC TTACAGAGCT
197401 TTAGACCAGT TATAATGATG AAGGTTCAGT TTAGATAGTA ATGTGCTTTG 197451 AGGCAATAAT TATGGGATAT TTCCTTGTAG TGACCAGTAA TTTTTATGTC
197501 TICTGTATTA GTCCATTCTC ACATTGCTAA TAAAGACATA CCTGAGGCTG
197551 GGTAATTTAT AAAGGAAAGA GGTTTAATTG ACTTACAGTT TAGCATGGCT
197601 GAGCAGGCCT AAGGAAACTT AACAATCATG GCGGAAGGCA CCTCTTCACA
197651 GGGCTGAAGA GAGAGAATGA GTGCAAGCAG GGGTAATACC ATAAACTTAT
197701 AAAACCATCA GATCTCATGA GAACTCACTG ACTATCATGA GAACAGCATG
197751 GGGGAAGCTG CCCCCATGAT GCAATTACTT CCATGATGTG GGAATTACGG
197801 AGATTACAAT TCAAGATGAG ATTTGGGTGT GGACACAACC AAACCATATC
197851 ATCTTCCAAA CAGAATTTAT CATCAACACT GACGAGCCAT TTCAGTTTTA
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197951 TTAATCATCT ATGITGAGGA AATAATITAT AACATTIGAG TITCTCTGGT
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198201 CTAACTAAAG TTAGTTAATA TAATATCATT ATGTGTGCTG CATCATCTAT
198251 GTGCCCTTCT GGCAAGACTG AGTTTTGGTG AGTGAGGGTT GTTACTGCAG
198301 TCACATTCTA GACACAGTCA TGTGCTGCGT AACCATGTTT TGGTCAACAT
198351 CAGACTICCAT GTACAAATIGT GTCCCATAAG ATTATAATIGG AGCTGAAAAA
198401 TICCTATGGC TTAGTAACAC TGTAGCCATC ATAATGTCAT AACCATTATG
198451 ATGTGGTAGC ATAGTGCATT ACTCTTGTGG CAATGCTGGT GTAAACAAAC
198501 CIGCIGIGCT ATTAGICATA TAAAAGTATA GCACATTCCA TTTGTATAGT
198551 ACATCATACT TGATAATAAA CAACTGTGTT ACAGGCTTAT GTATTACCTA
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198651 TAACTIGTAAA ACAGCCTCAG GCAGGTCCTA CAGGGGATAT TCCATAAAGA 198701 AGGCCTTGTA AACGTACGAG ATGACAGCTT CATGCATATT ATTGCCCTTG
198751 AATACCTTIC AGGGAAATAA GATGTAGAGG TGGAAGACAG TGATATTGAT
198801 GATCCTGACC TAGGGGCCTA GGCTAATATA TGTGTTTGTG TCTTCGTTTT
198851 TAGCAAAAAA GTTTAAAAAG TAAAATAATA AATAAAATTT AAAAATAGGA
198901 AAAAGCCTAT AGGATAAGGA TATAAAGAAG AAAATATTTT TGTGCAGCTG
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199201 AGCAACTTCC AGTCCTGCAA GTACCATTGC TGGTAAGTGC CCTATACAGG
199251 CATACOGTTT TITTAATCTCT TATACATTAT TITTACTGTG CCTGCTCTTT
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199401 TATATCATAT GGCCTGGGTA GACTATACCA TCTAGGTTTG TGTAAGTACA
199451 CTCTGTGATG TTTGCACAAAT GACAAAATCA CTTAAGGATG CACTTCTCAG

100501	AACATATOO	CATTIGITAAG	ΤΓΑΓΑΓΑΤΓΑ	CTGTATTTTG	TTCTGTAACT
133301		AATCTACTAT	TITCACTICAA	ATTCCATAGA	CTITICIT
TAADOT	TICHIGGGA	AAIGIACIAI	HIGHIOM	ALICAIAGA	Cillian
199601	TCCTCTTGAA	GTATAATGAA	ccrrrrccrr	TTAACTTATA	AAAAGATGAG
100651	TICTATTICAAG	ATTGATTGAT	CAGAAACTTT	GTCTGGGCAG	ATTTGACTTT
100701	TOINITO	TACCTOCT	CACAACCATA	TTATCACCTT	ATICTICITICAA
TA3\0T	HAHIHAMA	HAGCHIGH	CACAMODAIA	TIATOACCTT	AIGICITION
199751	ACCCTGACCC	AGCCCTCATT	GCACTCTCCC	AATTTCCCTG	CTGGATTTTG
100201	TTTCATTATT	TOTALLIC	CTGCCTCACC	GATTTACACA	TATCACCCTG
100001	TIGATIAT	ATTTAAATTT	AAAACTTACC	TOTAL	TCTACCATAA
<b>TAA82T</b>	TAGTTICAAT	AIGIAAAIIC	AMACTIACC	TGTTTTGCTA	ICIAGGAIAA
199901	TATTTAGATA	ATCAGTTATG	TTGATGAGAA	AGAGATAGAT	TTGTTCTGAG
100051	ATACTTAAAT	TTATTTAAC	TGTTCTCC	CCAGATATAC	AGATACTCCT
T2227T	AIACITAAI		TOTTCTCTCC	CCTATCTTAA	CTTCAAAATA
ZUUUI	CAACTIACAA	IGGAGI ICCI	ICCIGI IAMA	<b>GGTATCTTAA</b>	GIIGWWAIA
200051	TCATAAGTCA	AAAATGGATT	TAAAACACCCT	AACCTACCAA	ACATCACAAT
200101	TTACCCTACC	TTACCTTATA	TIGTICALC	<b>ACTTACATTA</b>	CCTTCAGTT
200301	CCCCAAAATC	CCCTAACATA	AAACCTCTT	TATAATAAAC	TATTCAATAT
500727	GGGCAAAAIC	GCCIAACATA	AAACCIGIII	TATAATAAAC	IAHGAAIAI
200201	ATTATGTAAT	TAATTGAATA	CTGTACTGAA	<b>AGTGAAAAAC</b>	AGAATGGTTG
200251	TATEGETACT	CAAAGTAAGG	TTTCTTCTGA	<b>ACATGTATCA</b>	CTTTCACACT
200231	ATCATAAACC	TCAAAACTCC	AAACTCAAAT	CATTGTAAGT	CACCCACTET
Z0030T	AICAIAAAGC	IGAAAACICC	AAAGICAAAI	CALIGIAAGI	CHUCUACIGI
200351	TCATTACTTT	TGTTTTCTAA	TGCAGTGGTA	ATTAATGAAG	GAAAATACCA
200401	GAAATTGACA	GTGTATTGAT	ΔΔΔCTGTTCT	TTCTATTCAT	AGGGCTATCT
200 101		ATACTAATCT	CCITTAATAA	ATGGAATAGA	AAACTACTIT
200451	IIIIGCCIII	AIACIAAICI	CITIMIM	AIGGAIAGA	AMCIACITI
200501	TTTTTTGGC	CATGTCATCT	जागाज	пппппп	IGACAGCATA
200551	TTAGGTTGTG	CATACTATTT	GGAAATCCAC	<b>ATCTGCTCTT</b>	<b>TATCCACATG</b>
200501	TOTATOO	VCITCO	TACATAAAAA	TGIGCTTIGI	ΔΤΤΤΛΈΛΤΙ
ZUUOUI	IGITIAICCI	MLI IULAUIU	1444444	1010011101	CAACATT
200651	AAAAATTGTG	TTTTCCATTA	TITITATCAAT	тпсстист	GAAAATTGAC
200701	CTTTTAACTT	TGTATTTTG	CAGGGAAAGC	TTTTGTCAGA	GGAACTTTTA
200751	TEATOTICE	TCAAAACCCA	CITCCITCAA	GAAAATCTAT	TITACTITAG
200/31	HALIGHT	TOWAGGCA	GITGCCTOM	O-VANICIAI	TAAAAATCAT
200801	TATGAAAGTG	GAAAAACTGAC	ATTTAATTGC	ACAAGCTGTT	TAMMATCAT
200851	ΑΔΔΑΤΑΤΔΑΟ	TACTGCTATA	AAAATGTGTT	CATATAAGAG	ACTAGAGGAT
200001	AATATTCACA	CCATAAAACA	ATTOCHTOCAG	ATCCACAGAC	AACCAACACT
200901	AATATTOAGA	GLATAWALA	AIGGI IGGAG	ATCOROGRE	<del>MCOMORCI</del>
200951	GGTAGTCAAA	TAGTGATTAA	ATTCTTGATA	<b>AGTCTTGCTG</b>	CHITTITIC
201001	TGAAATTTTA	TTTAATAATA	TCATATAATG	TTTTCATTT	GAAAAGGAAA
201051	AACATCTTAT	CANCITICATE	CTATTTAAC	TTTAGAGAGA	ACTTAGITIG
201031	MONIGITAL	CARGITACIA	ACTIVATION A	CC4 CTTTAAT	CETTAL
201101	GTTTATTCAG	TIAGACATGI	AGICAGIGIA	<b>GCACTTTAAT</b>	CHITIAACH
201151	TACCACTITA	ATTATTTTAC	AAATACAAGT	TCTTGATGAT	CTTTATGTT
201201	TTTCTACCAA	ATATTACTCA	ΤΛΛΓΑΤΙΌΤΟΛ	TATCAATTTT	TTTGTAACAT
201201	TITCIAGGA	AIAI IAGIGA	CAACAACACC	CCTTACCTCA	AAATATOTOO
201251	TCAGAATGIG	TAGTCATGAA	GAAGAACAGG	GCTTACCTCA	AMAIAICIGG
201301	TATACTCTGC	AATAAAAGTA	TCATCACTGG	CCATCAGAGA	AATGCAAATC
201351	AAAACCACAA	TEACATATEA	TCTCACACCA	GTTAGAATGG	CGATCATTAA
201331	********	4400000000	**COCCTCCCT	CACCCCTCTA	ATCCCACCAC
201401	AAAGICAGGA	AACUSCCCGGG	CGCGGGGCI	CACGCCTGTA	AICCAGAL
201451	TTTTGGGAGGC	CGAGACGGGC	GGATCACGAG	GTCAGGAGAT	CGAGACCATC
201501	CTGGCTAACA	CCCTICADACC	CCGTCTCTAC	TAAAAAAAA	ΔΑΤΑΓΑΛΑΛΑ
201301		4TCCTCCCC	CCACCTCTAC	TOCCACCTAC	ACCCCACCCT
<b>501221</b>	HAGCUGGC	AIGGIGGG	GACCIGIAG	TCCCAGCTAC	ACGGGGGCI
201601	Gaggcaggag	AATGGCGTGA	ACCCGGGAGG	CGGAGCTTGC	AGTGAGTCGA
201651	GATCACGCCA	CTCCACTCCA	CCCTGGGGGA	CAGAGTGAAA	CTCCGTCTCA
201701	*****	44444444	AAAACTCACC	GAAACAACAG	CCTCCTCCAC
201/01	***********	************	A44401C400	<del></del>	CACTOCTALAC
201751	. AGGATGTGGA	GAAATAGGAA	CACTITIACA	टाजाजाद्ध	GACIGIAAAC
201801	TAGTTCAACC	ATTGTGGAAG	ACAGTGTGGC	AATTCCTCAA	GGATCTAGAA
201851	CTAGAAATGC	CATTICACCC	ACCCATTICCA	TTACTGGGTA	ΤΔΤΔΟΟΟΔΔΔ
201001	COATTATAAA	TATECTECE	ATAAACACAC	ATGCACACGT	ATCTITATIC
201901	CGATTATAAA	ICAIGCIGCI	AIAWAGACAC	AIGCACACGI	AIGITIATIO
201951	CAGCACTGTT	CACAATAGCA	AAGACTTGGA	ACCAACCCAA	AIGICCATCA
202001	GTGATAGACT	<b>GGATTAAGAA</b>	AATGTGGCAC	ATATACACCA	<b>TGGAATACTA</b>
202051	TOCACCCATA	AAAAATCATC	ACTICATICE	CTTTGTAGGG	ACATICGATAA
202031	IGCAGCCAIA	AMMIGNIG	AGIICAIGIC	C111017000	AAAAACCAAA
202101	. Aactggaaac	CATCATTCTC	AGCAAGCIAI	TGCAAGGACA	AAAAAACCAAAA
202151	CACCTCATGT	TCTAACTCAT	AGGTGGGAAT	TGAACAATGA	GAACACTTGA
202201	ACACAGGAAG	CCCAACACCA	CATACCAGGG	CCTGTTGTGG	CCTTCTTCCCCA
202201	ALACAGOVIG	GGGWGAGGA	CACATATACC	TAATETAAAT	CACCACTTAA
<b>ZUZZ</b> 21	. GAGGGGAGGG	AIAGCAIIAG	GAGATATACG	TAATGTAAAT	GALLGAGTIAA
202301	. TGGTATAGCA	CACCAACATG	GCACATGTAT	<b>ACATGTGTAA</b>	CAAACCTTGCA
202351	CGTTGTGCAC	ATISTACCOTIS	GAACTTAAAG	TATTAAAAAA	ACAACAACAA
202/01		CLICATION	CACCACTICCA	TACCTGACAT	CTATTTCATT
202401	AVVVACCAL	GITCHALIG	ADIANA	INCLUDED!	SIALLICALL
202451	. Attiggtgaa	TATGAACTTT	AAGAGGAAAT	TICTITATTA	IGAAGIIIII
202501	TAAAACTGAA	ATTACAGTGT	CACAAAATAG	TTAACTTGGG	TCAGAGGCAT
202551	TOCANATICAT	TTTCTT*	ACTICAATICAA	TGAATTGAAA	TCTAACTTC
LUCIJI	COMMIGAI	TIGUICIGIA		TTACAACCA	AATCTAACAC
707/04				TTACAAAGAA	
	A A A A TT A A CA	AATTATTATT	TCTCTGGTTT	TGTTTGGCGA	TTCTAAAACA
202651	. AAAA IIAAGA		TYTTCCATCA	GITCITACCA	ACACCTTTAC
202651	. AAAATTAAGA ATCACCACA	ΔΔζΔΤΔΤΤΔ			
202651 202701	ATCACCAGGA	AACATATTAC	CTCCTCTCA	GIICIIAGGA	TTATTCCACA
202651 202701 202751	ATCACCAGGA CTTGGGTATA	AACATATTAC TGAAAATGGC	CTGCTCTTGA	GTTGGATGCT	TTATTCCAGA
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203151 CTGCTGCTCC TTTCCTACAC TGTCAGAGAA GGACATTTTT TGCCTAAAGT
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207851 GGGCTCAAAC CATCCCCCAC CTCAGTCTCC CAAGTAGCAG GGACTATAGG
207901 TGCAGGCCAC AGTGCCCAGC TAATATATAT ATTTTTTAA TTTATGTAGA
207951 TATGAGGTCT CTCTATGTTG CTGAGGCTGG TTTCAAACTC CTGGCCTCAA
208001 GCAGTCCTTT CACCTCAGCT TCCCAAAGTA CTGAGATGAC AGGCGTGAGA
208051 CACGATGCCA GGTTCAGTTC TATCAGTTTT GATAAATGCA TAGAATTGGG
208101 TAACCACCAA CACAATCACA ATGCAAAACA ATTTATTTAC TCCAAAAATT
208151 TATTCTTGCA GCCACCACTG GTGGGATGTC TTCTTTCCAC CACTGACCCC
208201 TGGCAACTAC TGATCTGTCC TGTAGTTTTG CCCATTTCCC AAATGTCATA
208251 TAAATGTAAT CATGCCCATG TCATCTTTGA GTATAACCTC TTTTATTTCA
208301 CATGTTTTCG AGATTCGTCT GTGTTACTGT ATCAGTAGTT TGTTCCTTTT
208351 TTATTATTGG GTATTATTCC GCTATATAGA TGCACTACAG TTTGTTTATA
208401 CATAATAAAC AATAAAGGAC ATTTTAGATT GTTTGCAGCT TTTGCTATGA
208451 AGAATGTTGC AGTACACATT CACAGACTGG TTTTTATGTG AACAAAACTT
208501 CITATATCTA ATATGATTCT AGGAGTGGAT TTACTGAATC ATAGGGTAAT 208551 TAACTGTATG CITAATTTTA TATAAACTGC CCTATTACTT TCCAGATTGC
208601 CTGAACTATA TTCCCCACCAA CAATATATGA GCATTCCAGG TGCCCTGCAT
208651 ACTIGCTAGT GCTTGTTATT GTCAGTGTT TTTTTTTCTT TAGTTTAAT
208701 CATTCIGTTA GITATATAGT ATTATCITAT TGIGGITTTA ATCIGCATIG
208751 CTCTTATTAC CAGCAATATC AGGCATCTCT TCATTTGCTT ATTTGTAATT
208801 TGAACATTTT GTTTGGTGAA ATGTTTTCTT TGGATCAATT TTTACCCTTT
208851 CAATGGGTTG TTTTCTTTAC GTATTCTGGA TCAAAATCCT TTATCGAGCA
208901 TATTACAAAC CITCTCTTAA TCTGTAGCTT GTCTTTTCTT TTTATTAACA
208951 CTGTAGTTCA CAGAGCAAAA AATTTTAGTT TTGAAGAAGT ACAATTTCCT
209001 TTTTTAAAAT CAACTCTTTA CTTATGTATA ATGTCTCCTA TGGGGATTTT
209051 TAAAATTATT TTTTTATTGC GGTAAAAAAG CACATAACAT AAAAGATACC
209101 ATCITAACTG TITATTTTTC TTTTCTATCT TAGCAGTTTC TAAGTTTACA
209151 GTTTAGTAGT ATTAAGTATA TTCACATTGT TGCACAGCCT CCAAAACTTT
209201 TTCATCATGG AAAACAGAAA ATCTGTACCC ATTAAACAAC TCTGCATTAC
209251 CTCCTCCCCC CAGTCCCTTT CTACTTTGTT TCTATGAATT TGACTGCTCT
209301 GGATACCTCA TATAAGTGGA ATTGTGCAGT ATGTGTCTTT TGTAACTGGC
209351 TTATTTTAAT TTAGCATAAC GTCCTCAAGA TTATTTTATG TTATATAATG
209401 TATCAGAATT TCTTTTTTGA GGCTGAATAT TTTATTATAT GTATATACCA
209451 CATCTTGTTA TCCATTCATC TGTAGATGGA CAGTTAGGTT GTATCCACCT
209501 CTTGGCTATT ATGAATAGTG GTATTACAAA CATGGTGTGT GAATATCTAT
209551 TIGAGATCTG CTTTCAATTT TITGATATGT ACTCAGAAGT GAAATTGCTA
209601 GATCATATAG TATTTCTATT TITAATGTTT TGAATAACTG CCATACTATT 209651 TTCCACAGTT AATAACATTT TATATTCATT CACAGTTAAT AACCATTTTA
209701 TATTCATTCC AATAGTGGGA ACAAGGTTTT AAATTTCTGA TTCTTTCTT
209751 TTTTCTTTTT TGATAGTATG TATCCTAATG GGTATGAGGC GACATGCATT
209801 GTGATTGTGA TCTGTACTTC CCTAATGATT AGTGATTTTC ACTATATTTT
209851 CATGTGCTTC TTGGCCTTTT CCCCCCCAGA TTTATTGAAG TATGATTGAC
209901 AAACAAAAAT TIGCATATCIT TAGAGTIGTAC AACATGATIGT TTATATACAC
209951 AGACACATAT ACATTGTTAT TAACTGTAGT CACCACCATG CTCTACATTA

210001	<b>GGTCTTTAAT</b>	ACTTATTCAT	CTTGTGGCTG	AGGGTTTGTA	TCCTTTGACT
	AATATCGCAC				
	AATAGGAGTT				
	GIACITGICT				
	AGTTCATCCA				
	GAATTATATT				
	ATAGCCAAGC				
	AGAAAACATG				
	<b>ATATATATT</b>				
210451	TGTCAATGGA	CACAGGTTGT	TTCCATAGCT	TGGCTATTGT	GAATAATGCT
	TCAATGAACA				
	GATTTCAATC				
	GCCCAGGCTG				
210651	TCCTGGGTTC	ACGCCATTCT	CCTGCCTCAG	CCTCCCCGGT	AGCTGGGACT
	ACAGGCGCCC				
210751	CGGGGTTTCA	COGTGTTAGC	CAGGATGGTC	TCGATCTCCT	GACCTCATGA
210801	TCCGCCCGCC	TAGGCCTCCC	AAAGTGCTGG	GATTACAGGC	GTGAGCCACT
	GCGCCCAGCC				
	AGGCAGAGAG				
210951	GATTTGCAGT	TCTGGGATAT	GCAGCCTATG	GGGACCACAG	GCATATCCAA
211001	AGAGGTTCAG	GCAAGGGGAT	GCTTTTAAAG	GTAAAGGAGA	AAAGTAGTAG
211051	TTTATTTTGA	AACAATGACA	ACATTGGTTA	CGGGGCTTAT	CACAGGAGCT
	GACACCAGTT				
211151	TGGCTAGCTG	TCCTTGTGAC	TCCTGTAACA	ATCTGCAGTT	TAGAACGTTG
211201	TGGTTACAGG	CATATGTGCC	TAAGAGTCCT	TCATACAGTG	TCTGTTATAG
	TTCCTATCAT				
	TTTGTAAACT				
211351	CAGGTGACTT	CATTITIGATT	CTGATACCTT	TTACAATACC	CAGTAGTGGG
211401	ATTIGCTIGAAT	CATATGGTCA	псівітт	ACTITITIGG	GTAACCTAGA
211451	CATTGTTTC	TTAAATGGCT	ATACTAATTT	ACAATATCAC	TTTATATTGT
	TTTCTTAAAT				
	TTCCCTAGTT				
	ATGGCCAGTC				
	CATTICICAT				
211701	GTATCTTTTG	AGAAATGTGT	ATTGAAGTTC	TTTCCAGTTT	TTAATAGGGT
	TATGIGITCI				
	ATTAGCTCTT				
	GTTTICICT				
	TAATGCAGTT				
211951	GTTATATCCA	AGAAATCTCT	GTCTGTGGAG	cirricici	TAGGTTTTCT
212001	TCTAGTAGTT	TTATTTTCAG	GICTICIGCT	TAAGTCTTCA	ATTTATTTIG
212051	ACTTGATTCA	TGTATAAGGG	GTGAGAAAAG	GGTCCATTTT	TATTCTATAT
212101	GTGGATATTC	AGTTTGCTCG	TCATCACTTA	TTGTAGAGAC	татсстттсс
212151	CCATTGTATG	TTCTTGGCAT	CATCATCAAA	AATCAATTGA	CTATAGACAT
212201	GTGGATTTAT	TICIGCICIC	TCTGTCCTAT	TCCATTCGTT	GATGTGTCTG
	TTTTGATGCT				
212301	ATGCTTCCAG	cmanch	TTTGGTCAAG	ATTATTTIGA	CTATTCTGGG
	CCTTTGTGAT				
	AGGATCCTAA				
	CCTAGAAAAA				
212501	TTGGAAATCT	GAACAGACCA	AIAAIIAGIA	AGGAGATTGA	CICAGIAAGI
51722T	AGAAGTCTGT	CATCAGIGGA	AAGCCCAGAA	CCACATGACT	TIAIGGCIGA
21700T	ATTCTACCAC	ACGITIAAAG	AAGGGCIAAI	ACIAAICCIC	CICAGACICI
	TCTGAAAAAT				
	AGAATCACCC				
	TAGGCCAGTA				
	TAGCAAACCA				
212001	AAGTGGGATT TAAATGTGAC	TACCATATT	AIGIAGALIG	CITCACATA	MUCANICAN CTACATCATC
212901	IAAAIGIGAC	HACCAIAII	AACAGAATGA	AGGACAAAAA	ATTECTOR
	ATTTCAATAG				
	GATTAAAAAT				
212101	CAGTAGAGGC GAAGAGCTAA	CAIAIAIGG	TOTAL TATO	TCAACAATAC	ACICACIACI
713161	. GAAGAGCTAA . CCTATTCTCA	AGGCIIIIII	TCAACATACT	TCTCCAACTAC	CTACCCACAC
212201	CAATTAGACA	ACACAAACAA	ATAAAACCA	TCCTAATACC	AAACCATCAA
212201	. Caattagaca . GTGAAATTAT	APPANAMAN AND AND AND AND AND AND AND AND AND A	TCACTACATC	ATCTTATACA	CTTACACCTC
212201	GIGWALIAL	CHIGHIGE	CTTTCCATTC	AICH IAIACA	AGATTGAAAA
2133UL				~~LAGUAL.	
77777	TACTCACACA	AAAATTTATA	CITATOCTO	CTCAATATET	ACACACTTT
213351	TACTCAGAAA	<b>AAAATGGATA</b>	<b>GTTATGCCTG</b>	CTGAATATCT	<b>ACAGACTTTT</b>
213401	TACTCAGAAA TTCTTGTCAC TTTACATGTA	AAAATGGATA TCTTCATCAA	GTTATGCCTG ACAATATAGT	CTGAATATCT ATAACAACGT	ACAGACTTTT TTACATAGCA

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213501 GGGATAGGCA TAGGTTATAT GCAAATACTA TGCCATTTTA TATAAAGGAC
213551 TTGAGCATCC ATGGAGTTTA GTATCCTCCA GGTTGCCTGG AACTAATCCC
213601 TCATAGATAC TGAGGGACAG CTATATATAG AAAATCCTAA GGACTCCACC 213651 CAAAACTGCT AGAATTCATA AACCCAATAA AGTTGCAGGG TACAAAATCA
213701 ACCTACACAA ACCAGTAGCA TITTGTTTTA CACTAACAAC AAACTGTCTG
213751 AAAAAAATTA AGAAAACAAT CTCATTTACA ATAGTATGAA AAAATAAGTA
213801 AAACAATTAG TAAACAAGGA AGTAAAAGAT TTGTAATTTC CAAATATTTG
213851 GAAATTTTTC AGTAACTCAG TGTCTTTAAC TAATAATTTA ATCATTCTAG
213901 TAAGAAAACA TIGCTTTIGTAT GATTTTAGTC TTTACATTTA TTAATTTATG
213951 TAAATTAATA TIGTGGGTTTT ATGATCACCC ACGACATTIGT CCTAACTTIGT
214001 CGACTGTTCT GTGTGCTCTT TTAAAGAAGG TAGTCTGTTG GCCGGGTGCG
214051 GTGGCTTACG CCTATAATCC CAGCACTTTG GGAGGCTGAG GCAGGCAGAT
214101 CACCTGAGGT CGGGAGTTTT AGACCAGCCG AACCAACATG GAGAAACCCG
214151 GTCTCTACTA AAAATACAAA ATTAGGCCAG GTGCGGTGGC TCACCCCTAT 214201 AATCCCAGCA CTTTGGGAGG CCTAGACGGG CGGATCACGA GGTCAGGAGA
214201 AATCCAGCA CTTTGGGAGG CCTAGACCGG CGGTCACGA CGTCAGGAGCAT CCTGGCTAAC ATGGTAAAAC CCCGGTCTCTA CTAAAAAAAA
214301 AMATACAMA AMATTAGCTG GGGTGGTGGC AGGCGCCTGT AGTCCCAGCT
214351 ACCTGGGAGG CTGAGGCAGG AGAATGGCGT GAACACGAGA GGTAGAGCTT
214401 GCAGTGAGCC GAGATCGCAC CACTGCACTC CAGCCTGGGC AACAAAAGCA
214451 AAATTCCGTC TCAAAAAAAA AAAATATATA TTAGCTGGGC GTGGTGGCAC
214501 ATTOCTGTAA TOCTOGCTAC TTGGGAGACT GAGGCAGAAG AATCGCTTGA
214551 ACCCAGGAGG CAGAGGTTGC AGTGAGCCGA GATCATGCCA TTACACTCCA
214601 GCCTGGGCAA CAAAAGTGAA ACTCCATCTC AAAAAAAAA AAAAAGAAAA 214651 AAAGAGAATG TAGTCTGTTG TTGGGTGCAG TGTTTTATAG AGGTCATTTA
214701 GTCAGTGGTC CCCAACCTTT TTGGCACCAG GGACCAGTTT TGTGAAAGAC
214751 AATTITICCA CAGGIGIGGG GCGGGGGTIG GTTTCGGGAT GAAACTATTT
214801 CACTICAGAT CAGGCATTAG ATTCTCATAA GGAGCACACA ACGTAGATAC
214851 CITIGCACGCA CAATITCACAG TAGGGITCAC ACTICTATGA GIGCGCATCT
214901 AACGGTGCGG CTGATCAGGC AGTAATGCTT GCTTGCTTGT CTGCTGCTCA
214951 CCTTCTGCTG TGCAGACCAG TTCTTAATAG GCTGCAATCT GGTACTGATC
215001 CACAACCCGG GGGTTGATGA CCCCTGATTT AGGTCACTTT GGTTGATTAT
215051 GCTGCTATTC ATGTATTTGA TATTCTTGAA GAATTTCTAT TTGGTCTATT 215101 CTTTTGGTTC CTGAGAGAGA AATGATGAAG TCTCCAAGTG TAATTGTGGA
215151 TTTCTCTATT TCTCCTTTCA TTTTCTTCAG CTTTGCTTCA TCTGTGTTGA
215201 AGCTCTATTC TTAGATGCAT TCACATTTAT CAATTGTTGC ACCCTCTACA
215251 TCTCTTGGTA ATTTTTGTAT TCTGACATCT AACTTCCTCA GATTTTAACA
215301 CAATCAATCC ACTITICITY TGCTGGTGAT CACGTGGTCT CATTITACAT
215351 TCTTTTAACA TGTATGTATT ATTTTATTAC AGTTGACTTT CATATAGATA
215401 GCATTCAATT TGTATCTTGT TTGCTGTACA GTCTTAATCA GGTTTCTTAA
215451 AGTIGIGITT ATACCATTTA GTATAAATTT CCATATGTT GGGTTATGT
215501 CIGIGACTIT ATTIGTTIGCT GITTIGCTICC GITTITCATT CITCGGITTI 215551 CCTITTICIG CCTICTTIIG AATTATIGGA ATATITITTA TTACTITAAT
215601 TCATTTACTG GCATTTTAAA ATTTCTTTGT TTTGTGTGTT GCTCTAGCAA
215651 TTACAATATT CACATCTAAG TTTTCACAGT CTACTTAGAG TTAATATTTT
215701 ATCACTTGAA GTTTCTATAC ATTAGTATAG AACCCTTACA ATGATCTAGG
215751 TCAAGAAGAT AGGGAAAATG GATATTTGAT GACAGCTGGG TGTCTGCCAC
215801 AAAGGACAAC ATTAAGTTGC CTTTTAGCCC ACACTTCTCT TAATCTTTTC
215851 TGTACTGCTT GTTATGCATC CTTTAATTAT TIGTTITATT CTATATTAAT
215901 TTCAGCCTAT AGTGTGCAAT TATATGGAAA ATAACGTTAT GTCCATGCCT 215951 CCTTTCTTGG GATATTTCCT AAATTCAGTA TGAGATTGTT GATATAGATA
216001 AGAAAACTGA CTTGCAAAGA GATTTCATTG CCCCAGGTAA CACAGCTAAG
216051 TGGGAGAGCT GCAATTTGTA CTCTGAGTCT GGTTTTGGGG TCTGCACATT
216101 TGACCACAAT GCTACTGCCT GTATTTTACT TAAGATAATA GTTATGTTTA
216151 TGACAAACCT CTAAGTATGT ATGACTTCTA AATTTACACA TTCTTTGAGT
216201 GTTCTAATTT CATTGTCATA AAAGCTTACT ATTTTCTCAT TTTTAAGACA
216251 TATTICATAC TTCTTAAGAT AGCTCTTAAA TTTATTCCAG AAACTTTAAA
216301 CATTITIGAT ATTGITGAAC TAGTITTIGGA ATCAAAACAA TITIGIGATIC
216351 CCACATAATT GCAGTTAAAT TTTTTCAGTG TAATTTTAAA AATACCTTAT 216401 GGGAAAATAC TACTGCAAGT TGTGTAACAC TTTAATTATC TATTTTTTGT
216451 AATCATAACA GOGTACACTT AACATTTGGA AAAAAAATAA ATATATTCAA
216501 AATATACTTT TTCATTTTTT TAAGGTAATA TTTGGTATTT ATAGGTCTTC
216551 AAGCCCAGGA GCCTACAACC GACAGACTGG GAACCATACT TTATACTATT
216601 AGTGAATAAT AATAACAAAA ATAAGATTTA CATTTTTCT TAGGATACCA
216651 GAGTIGAATA AATTCAAATT TAGAAACACA TATACATGTA TATGTATAAA
216701 ATATATGTAT ATCAAAGAAC TAGAATTTTT AATCAGACTC AAACCTTACC
216751 AGTGAAATGG GAATACTCTT TACATTATCC ACCTAAAATG TTCCTATTAA 216801 CCATGTGGTT TTAAGAGGTA TTTAAATTTT GGAATTTTA ATAGCTATCT
216851 GTTTCTTCTG TAACATTTGAT TATATTATAG CTTTTCTTGA ATGAGGAGAT
216901 AAAACAGATG TAAATATTAA GACAAAAGCT TGATGCCTAT GAAACAAATT
216951 ATTTCCAAGT ACATAGAGTG AAAATACTTT AAAAGCCTTT GAATTTGGCA

### FIGURE 3JJJ

				02/101	
	<b>ACTITCTCTT</b>				
217051	TCTTAATGAA	CTGGTACTCA	AAGGTCATTC	AGAAAGATTC	ATTAAAACCA
	GTAGGGAAAT				
217151	TCTTTCTTAA	TAGCCTCAGG	TCTCAGACAC	AACCATCTTT	TATTTATTTT
217201	пспсп	CTGGAATCAA	ATAACITITA	AAGATTIGAG	AAAATCAGCA
217251	CCAATATTTG	AAGATTAAAA	CITGATCCAT	CIGICAGIIA	GAATITIGAT
21/30T	TTGGAAAAGC	CGCAGGIAAC	AGIGIAAAII	CIAGITIAL	CTCAATTAAC
	ATAAAGAATA				
	ATACTCAGTA ATGACTAGTC				
	TATGTTGCAT				
217551	TTGGCCATAA	ATAGGAGGA	TTTTGGGAAC	CATTTATTTT	GTGAATGGTT
	ACTGATTTTC				
217651	CTATTATTTA	ATATGAGCTT	mana	CAGACTGATA	CCCATTATTT
217701	TTCAGTCATA	GCAGAGAAAT	AGGTTTCCAG	GATAAAACAA	ATTGTTCAGG
217751	TATTCAAGCA	GCCCTCAGGA	<b>GTAGGCAAAT</b>	ATCAACAGAT	AGGTCACTGA
217801	GAGATCAAGG	<b>GATTTACTCT</b>	TTICTTIGGT	<b>ATACCATAGT</b>	TCTTGAAGGC
217851	TAAAATTTTG	<b>GTAACTGTTT</b>	CAGGAAAATA	<b>AATACTGTAC</b>	TATATTTCGT
	псппссп				
217951	ATCTAACCTT	TAGTTGAGTA	AATGACAGGT	AGGAAATAAA	GCTGTTGATA
218001	CAGGAGAATG	AGTAAGTGAA	AAAATCCATC	CTTIGICAAC	CACTCTTATT
218051	TTTTAAATTG	AATCIGCITT	CAGTTICAGT	AGTTGGGAGT	GCIAGAIGIA
<b>51810T</b>	CATAGCTTAA	TGGATTIGGT	GCTTAAAATT	CIGGIIIICI	CAAATCATT
518301 TT\$T2T	ACATTCCAAC GATATATGAT	ATATOTTAG	AMAIAAIGC	TEACTEAATE	CTTCACACCT
2102UI	GITCIGIGIC	ACAACACCTC	CTTAGAGGA	TAACCITTIE	TTTTTTTA
218301	AAAAAGCGAT	TOTTOTTO	AATGCCACAG	CCATTATAAA	TCTCTCAATT
	GAAAAATACT				
218401	CCCTTTGTAT	ACTIGITITE	TAAAGTTGAT	TGCTTATTAT	CACATTGCTC
218451	TATGIGIATT	CCCATTTTTT	AAACTTTGAC	AAGATACTAA	TITITATATT
218501	CATGGTAATA	ATAATCTTAA	CATTATATAA	CATTTTCACA	ATATGGAGTT
218551	TACTGAAAAC	AAATCTAAAA	TTTTACATTT	<b>AAGTTCACTA</b>	<b>AAGTAACACT</b>
218601	TGTAGGATGA	GAAAGATTTT	<b>ACTIGITIGG</b>	<b>TGGTACATGG</b>	AAATTTGACC
218651	CCACATGGAA	CAAAAGTTAA	CATTGTCATG	AAACTACTAA	AAAAAAATGCT
218701	CGTGTCATTT	TAGCCTACAT	TAATTATAGC	ATCTAGATTG	CATAACTAAT
218751	<b>AACTTCATAG</b>	TATTCTGTCC	TGGTGAGATG	ACATCTAGAA	TATAACACAC
218801	AATTTTGAGA	TTTCATGATT	TGCAACTAAT	TTTGGACATA	ACAGGCAAGG
218851	TCCACAGCAT	ATTTTTACCA	TGGATAATAG	AATGTAAAAT	AGITACIGIT
21890I	TTCATGTGTT	TAAAAGICIG	TICICIAGAA	AAGACAIGAI	CCAATTITTTC
	AGTITCTAGC				
219001	ACTAGGGGAC GTGCTTTTAA	AAATTATATT	ACATTTCTCC	TICATTICACT	ACCAACITAA
219031	AATTAGCCAG	CCATCCTCCC	GREECTET	AGTCCCAGCT	ACTCAGGAGA
219151	CTGAGGCAGA	AGAATIGCTT	GAACCCAGAG	CCCCACCTTG	CAGTIGAGCCA
219201	AAATTGCCCCC	ACTIGCACTICT	CCAGTCTGGG	TGACAGAGCG	AGACTCGGTC
219251	TCAAAAACAA	AACAAAACAA	ACAAACAAAA	AAACAGTGTT	ACTCTATAGT
219301	<b>GTACTGTGTT</b>	<b>GCCAGATTTG</b>	TTTTGCCCAC	<b>CTGTAGGCTA</b>	ATGTAAGTAT
219351	TCTGAGCATG	TTTAAGTTAG	<b>GCTGGGCTAA</b>	CCTATCATCT	TCACTACCCT
	<b>AGGTATGTTA</b>			CIAIGAIGI	I CAG I AGGGI
210451				TTTTGAGCTT	GATGGGTTTA
	TCAGAATGGA	ACTCCGTTGT	<b>AAGTAGAGGC</b>	TTTTGAGCTT	GATGGGTTTA TCTTTGGAGA
219501	TCAGAATGGA AACGTCTATG	ACTCCGTTGT CAAGTTTTTT	AAGTAGAGGC GCCCACTTTT	TTTTGAGCTT TCGATCTGCA GAGCTGGGTT	GATGGGTTTA TCTTTGGAGA GTTTGTTTTT
219501 219551	TCAGAATGGA AACGTCTATG TGTTTGTTGT	ACTCCGTTGT CAAGTTTTTT TGTTGGGTTT	AAGTAGAGGC GCCCACTTTT TAGGTATTCC	TTTTGAGCTT TCGATCTGCA GAGCTGGGTT CTATATATTC	GATGGGTTTA TCTTTGGAGA GTTTGTTTTT TGGATATTAA
219501 219551 219601	TCAGAATGGA AACGTCTATG TGTTTGTTGT TCCCTTATCA	ACTCCGTTGT CAAGTTTTT TGTTGGGTTT GATAGATGAT	AAGTAGAGGC GCCCACTTTT TAGGTATTCC TTGCAAACAT	TTTTGAGCTT TCGATCTGCA GAGCTGGGTT CTATATATTC TTTCTTTCAT	GATGGTTTA TCTTTGGAGA GTTTGTTTTT TGGATATTAA TCTGTGGGTT
219501 219551 219601 219651	TCAGAATGGA AACGTCTATG TGTTTGTTGT TCCCTTATCA GCCTTTTTAC	ACTCCGTTGT CAAGTTTTT TGTTGGGTTT GATAGATGAT TCACTTGCCA	AAGTAGAGGC GCCCACTTTT TAGGTATTCC TTGCAAACAT CTTTTTTGTA	TTTTGAGCTT TCGATCTGCA GAGCTGGGTT CTATATATTC TTTCTTTCAT GCAAACGTGA	GATGGTTTA TCTTTGGAGA GTTTGTTTTT TGGATATTAA TCTGTGGGTT CCCCTCCTAA
219501 219551 219601 219651 219701	TCAGAATIGA AACGTCTATG TGTTTGTTGT TCCCTTATCA GCCTTTTTAC AAGGGGGGAT	ACTCCGTTGT CAAGTTTTTT TGTTGGGTTT GATAGATGAT TCACTTGCCA ATATGTATTT	AAGTAGAGGC GCCCACTTTT TAGGTATTCC TTGCAAACAT CTTTTTTGTA TAAGACCATT	TTTTGAGCTT TCGATCTGCA GAGCTGGGTT CTATATATTC TTTCTTTCAT GCAAACGTGA CCTTGGCAGT	GATGGGTTTA TCTTTGGAGA GTTTGTTTTT TGGATATTAA TCTGTGGGTT CCCCTCCTAA ATTGTCCTTA
219501 219551 219601 219651 219701 219751	TCAGAATGGA AACGTCTATG TGTTTGTTGT TCCCTTATCA GCCTTTTTAC AAGGGGGGAT GAGCTTTAGG	ACTCCGTTGT CAAGTTTTT TGTTGGGTTT GATAGATGAT TCACTTGCCA ATATGTATTT TTGACTATTT	AAGTAGAGGC GCCCACTTTT TAGGTATTCC TTGCAAACAT CTTTTTTGTA TAAGACCATT GAATTCGTAT	TTTTGAGCTT TCGATCTIGCA GAGCTGGGTT CTATATATTC TTTCTTTCAT GCAAACGTGA CCTTGGCAGT GGTCTTTGAC	GATGGGTTTA TCTTTGGAGA GTTTGTTTTT TGGATATTAA TCTGTGGGTT CCCCTCCTAA ATTGTCCTTA TCATCTCATC
219501 219551 219601 219651 219701 219751 219801	TCAGAATIGGA AACGTCTATIG TIGTTTIGTTGT TCCCTTATCA GCCTTTTTAC AAGGGGGGAT GAGCTTTAGG ATCTAAAACT	ACTCCGTTGT CAAGTTTTT TGTTGGGTTT GATAGATGAT TCACTTGCCA ATATGTATTT TTGACTATTT CCTTGATGTT	AAGTAGAGGC GCCCACTTTT TAGGTATTCC TTGCAAACAT CTTTTTTGTA TAAGACCATT GAATTCGTAT TTCCTCCTTT	TTTTGAGCTT TCGATCTGCA GAGCTGGGTT CTATATATTC TTTCTTTCAT GCAAACGTGA CCTTGGCAGT GGTCTTTGAC CTTTAATGTT	GATGGGTTTA TCTTTGGAGA GTTTGTTTTT TGGATATTAA TCTGTGGGTT CCCCTCCTAA ATTGTCCTTA TCATCTCATC
219501 219551 219601 219651 219701 219751 219801 219851	TCAGAATIGGA AACGTCTATG TGTTTGTTGT TCCCTTATCA GCCTTTTAC AAGGGGGGGAT GAGCTTTAGG ATCTAAAACT AACTIGGGACA	ACTCCGTTGT CAAGTTTTT TGTTGCGTTT GATAGATGAT TCACTTGCCA ATATGTATTT TTGACTATTT CCTTGATGTT GCTGACAGTG	AAGTAGAGGC GCCCACTTTT TAGGTATTCC TTGCAAACAT CTTTTTTGTA TAAGACCATT GAATTGGTAT TTCCTCCTTT AATATAGGTT	TTTTGAGCTT TCGATCTGCA GAGCTGGGTT CTATATATTC TTTCTTTCAT GCAAACGTGA CCTTGGCAGT GGTCTTTGAC CTTTAATGTT ATATTTTTGC	GATGGGTTTA TCTTTGGAGA GTTTGTTTT TGGATATTAA TCTGTGGGTT CCCCTCCTAA ATTGTCCTTAA ATTGTCCTTA TCATCTCATC
219501 219551 219601 219651 219701 219751 219801 219851 219901 219951	TCAGAATIGGA AACGTCTATG TGTTTGTTGT TCCCTTATCA GCCTTTTTAC AAGGGGGGAT GAGCTTTAGG ATCTAAAACT AACTGGGACA GCAAGAGAGGG TTTAATTGT	ACTCCGTTGT CAAGTTTTT TGTTGCGTTT GATAGATGAT TCACTTGCCA ATATGTATTT TTGACTATTT CCTTGACAGTG TTGGCTGTTT TTTTGGATACTT	AAGTAGAGGC GCCCACTTTT TAGGTATTCC TTGCAAACAT CTTTTTTGTA TAAGACCATT GAATTCGTAT TTCCTCCTTT AATATAGGTT GGCATTAAAT AATTATCACT	TTTTGAGCTT TCGATCTGCA GAGCTGGGTT CTATATATTC TTTCTTTCAT GCAAACGTGA CCTTGGCAGT GGTCTTTGAC CTTTAATGTT ATATTTTTGC ATCTGTATCA GAACATGACC	GATGGGTTTA TCTTTGGAGA GTTTGTTTTT TCGATATTAA TCTGTGGGTT CCCCTCCTAA ATTGTCCTTA TCATCTATC ATATAGACAC GAAGAATTTA CTGTGAAGTT TAGAACAATA
219501 219551 219601 219651 219701 219751 219801 219851 219901 219951 220001	TCAGAATIGGA AACGTCTATG TGTTTGTTGT TCCCTTATCA GCCTTTTTAC AAGGGGGGAT GAGCTTTAGG ATCTAAAACT AACTGGGACA ACCAGAGAGAGG TTTAATTGT CCTTATTACA	ACTCCGTTGT CAAGTTTTT TGTTGCGTTT GATAGATGAT TCACTTGCCA ATATGTATTT TTGACTATTT CCTTGACAGTG TTGGCTGTT TTTGGATACT TTAGAGTTACT TAGAGTTACT	AAGTAGAGGC GCCCACTTTT TAGGTATTCC TTGCAAACAT CTTTTTTGTA TAAGACCATT GAATTCGTAT TTCCTCCTTT AATATAGGTT GGCATTAAAT AATTATCACT CATTTGTCAA	TTTTGAGCTT TCGATCTGCA GAGCTGGGTT CTATATATTC TTTCTTTCAT GCAAACGTGA CCTTGGCAGT GGTCTTTGAC CTTTAATGTT ATATTTTTGC ATCTGTATCA GAACATGACC ATGTAGGAAT	GATGGTTTA TCTTTGGAGA GTTTGTTTT TGGATATTAA TCTGTGGGTT CCCCTCCTAA ATTGTCCTTA TCATCTATC ATATAGACAC GAAGAATTTA CTGTGAAGTT TAGAACAATA GAATGTATGT
219501 219551 219601 219651 219701 219751 219801 219851 219901 219951 220001 220051	TCAGAATIGGA AACGTCTATG TGTTTGTTGT TCCCTTATCA GCCTTTTTAC AAGGGGGGAT GAGCTTTAGG ATCTAAAACT AACTIGGGACA GCAAGAGAGG TTTAATTACA ATIGCATGCAT	ACTCCGTTGT CAAGTTTTT TGTTGGGTTT GATAGATGAT TCACTTGCCA ATATGTATTT TTGACTATTT CCTTGATGTT GCTGACAGTG TTGGCTGATTT TTTGGATACT TTTGGATACT TTAGAGTTACT GTAAGTACAC	AAGTAGAGGC GCCCACTTTT TAGGTATTCC TTGCAAACAT CTTTTTTGTA TAAGACCATT GAATTCGTAT TTCCTCCTTT AATATAGGTT GGCATTAAAT AATTATCACT CATTTGTCAA ATGCATATAG	TTTTGAGCTT TCGATCTGCA GAGCTGGGTT CTATATATTC TTTCTTTCAT GCAAACGTGA CCTTGGCAGT GGTCTTTGAC CTTTAATGTT ATATTTTTCA ATATTTTTCA GAACATGACC ATCTGGAAT CCTTGGTAGT CTTTGGTAGT CTTTGGTAGT CTTTGGTAGT CTTTGGTAGT CCTTGGTAGT CCTTGGTAGT	GATGGGTTTA TCTTTGGAGA GTTTGTTTT TGGATATTAA TCTGTGGGTT CCCCTCCTAA ATTGTCCTTA TCATCTCATC
219501 219551 219601 219651 219701 219751 219801 219851 219901 219951 220001 220051 220101	TCAGAATIGGA AACGTCTATG TGTTTGTTGT TCCCTTATCA GCCTTTTTAC AAGGGGGGAT GAGCTTTAGG ATCTAAAACT AACTIGGGACA GCAAGAGAGG TTTAATTACA ATGCATGCAT CTATCATAGA	ACTCCGTTGT CAAGTTTTT TGTTGGGTTT GATAGATGAT TCACTTGCCA ATATGTATTT TTGACTATTT CCTTGATGTT GCTGACAGTG TTGGCTGATTT TTTGGATACT TTTGGATACT TAGAGTTACT GTAAAGTCAC TGTAAAGTCT	AAGTAGAGGC GCCCACTTTT TAGGTATTCC TTGCAAACAT CTTTTTTGTA TAAGACCATT GAATTCGTAT TTCCTCCTTT AATATAGGTT GGCATTAAAT AATTATCACT CATTTGTCAA ATGCATATAG TTCACAGGCC	TTTTGAGCTT TCGATCTGCA GAGCTGGGTT CTATATATTC TTTCTTTCAT GCAAACGTGA CCTTGGCAGT GGTCTTTGAC CTTTAATGTT ATATTTTTGA ATATTTTTGA ATATTTTTGA GAACATGACC ATGTAGGAAT CCTTGGTAGT TCGGTAGACA	GATGGGTTTA TCTTTGGAGA GTTTGTTTT TGGATATTAA TCTGTGGGTT CCCCTCCTAA ATTGTCCTTA TCATCTCATC
219501 219551 219601 219651 219701 219751 219801 219851 219901 219951 220001 220051 220101 220151	TCAGAATIGGA AACGTCTATG TGTTTGTTGT TCCCTTATCA GCCTTTTTAC AAGGGGGGAT GAGCTTTAGG ATCTAAAACT AACTIGGGACA GCAAGAGAGG TTTAATTIGTT CCTTATTACA ATIGCATIGCAT CTATCATAGA TTTATTCATIG	ACTCCGTTGT CAAGTTTTT TGTTGGGTTT GATAGATGAT TCACTTGCCA ATATGTATTT TTGACTATTT CCTTGATGTT GCTGACAGTG TTGGCTGTT TTTGGATACT TAGAGTTACT TAGAGTTACT GTAAAGTCT GCCTAGTCTA	AAGTAGAGGC GCCCACTTTT TAGGTATTCC TTGCAAACAT CTTTTTTGTA TAAGACCATT GAATTCGTAT TTCCTCCTTT AATATAGGTT GGCATTAAAT AATTATCACT CATTTGTCAA ATGCATATAG TTCACAGGCC GCATGGTTCC	TTTTGAGCTT TCGATCTGCA GAGCTGGGTT CTATATATTC TTTCTTTCAT GCAAACGTGA CCTTGGCAGT GGTCTTTGAC CTTTAATGTT ATATTTTTTGC ATCTGTTATCA GAACATGACC ATGTAGGAAT CCTTGGTAGG TCGGTAGGACA TCGGTAGACA TGGTACTCTT	GATGGGTTTA TCTTTGGAGA GTTTGTTTT TGGATATTAA TCTGTGGGTT CCCCTCCTAA ATTGTCCTTA TCATCTCATC
219501 219551 219601 219651 219701 219751 219801 219851 219901 220001 220051 220101 220151 220201	TCAGAATIGGA AACGTCTATG TGTTTGTTGT TCCCTTATCA GCCTTTTTAC AAGGGGGGAT GAGCTTTAGG ATCTAAAACT AACTIGGGACA GCAAGAGAGG TTTAATTIGTT CCTTATTACA ATIGCATIGCAT CTATCATAGA ATTTATTCATIG GAATIGTTCGT	ACTCCGTTGT CAAGTTTTT TGTTGGGTTT GATAGATGAT TCACTTGCCA ATATGTATTT TTGACTATTT CCTTGATGTT GCTGACAGTG TTGGCTGTT TTTGGATACT TAGAGTTACT GTAAGTACAC TGTAAAGTCT GCCTAGTCTA CATATAAATA	AAGTAGAGGC GCCCACTTTT TAGGTATTCC TTGCAAACAT CTTTTTTGTA TAAGACCATT GAATTCGTAT TTCCTCCTTT AATATAGGTT GGCATTAAAT AATTATACAT CATTTGTCAA ATTGCATATAG TTCACAGGCC GCATGGTTCC AATATATTTA	TTTTGAGCTT TCGATCTGCA GAGCTGGGTT CTATATATTC TTTCTTTCAT GCAAACGTGA CCTTGGCAGT GGTCTTTGAC CTTTAATGTT ATATTTTTGC ATCTGTATCA GAACATGACC ATGTAGGAAT CCTTGGTAGT TCGGTAGGACA TCGTAGTACT ATTTTAGAAAG	GATGGGTTTA TCTTTGGAGA GTTTGTTTTT TGGATATTAA TCTGTGGGTT CCCCTCCTAA ATTGTCCTTA TCATCTCATC
219501 219551 219601 219651 219701 219751 219801 219851 219901 220051 220051 220101 220151 220201 220251	TCAGAATIGA AACGTCTATG TGTTTGTTGT TCCCTTATCA GCCTTTTTAC AAGGGGGGAT GAGCTTTAGG ATCTAAAACT AACTGGGACA GCAAGAGAGG TTTAATTGTT CCTTATTACA ATGCATGCAT CTATCATAGA TTTATTCATG GAATGTTCGT ACTAACATTT	ACTCCGTTGT CAAGTTTTT TGTTGGGTTT GATAGATGAT TCACTTGCCA ATATGTATTT TTGACTATTT CCTTGATGTT GCTGACAGTG TTGGCTGTT TTTGGATACT TAGAGTTACT GTAAGTACAC TGTAAGTACAC TGTAAAGTCT GCCTAGTCTA GCATAAAATA GGATAAAGCA	AAGTAGAGGC GCCCACTTTT TAGGTATTCC TTGCAAACAT CTTTTTTGTA TAAGACCATT GAATTCGTAT TTCCTCCTTT AATATAGGTT GCATTAAAT AATTATCACT CATTTGTAA ATGCATATAAA ATGCATATAAG TTCACAGGCC GCATGGTTCC AATATATTTA GATATAATTT	TTTTGAGCTT TCGATCTGCA GAGCTGGGTT CTATATATTC TTTCTTTCAT GCAAACGTGA CCTTGGCAGT GGTCTTTGAC CTTTAATGTT ATATTTTTGC ATCTGTATCA GAACATGACC ATGTAGGAAT CCTTGGTAGTAC TCGGTAGCACA TCGGTAGACA TCGGTAGACA TCGTATTAGAAAG TCGTATTAGAAAG TCGTATTAGAAAG TCGTATTATAT	GATGGGTTTA TCTTTGGAGA GTTTGTTTTT TGGATATTAA TCTGTGGGTT CCCCTCCTAA ATTGTCCTTA TCATCTCATC
219501 219551 219601 219651 219701 219751 219801 219851 219901 220051 220051 220101 220151 220201 220251 220301	TCAGAATIGGA AACGTCTATG TGTTTGTTGT TCCCTTATCA GCCTTTTTAC AAGGGGGGAT GAGCTTTAGG ATCTAAAACT AACTIGGGACA GCAAGAGAGG TTTAATTIGTT CCTTATTACA ATIGCATGCAT CTATCATAGA ATTTATTCATIG GAATIGTTCGT ACTAACATTT TTTTCTTTCA	ACTCCGTTGT CAAGTTTTT TGTTGGGTTT GATAGATGAT TCACTTGCCA ATATGTATTT TTGACTATTT CCTTGATGTT GCTGACAGTG TTGGCTGTT TTTGGATACT TAGAGTTACT GTAAGTACAC TGTAAGTACAC TGTAAGTCTA GCCTAGTCTA GCCTAGTCTA GCATAAATA GGATAAAGCA TCTTTAAATT	AAGTAGAGGC GCCCACTTTT TAGGTATTCC TTGCAAACAT CTTTTTTGTA TAAGACCATT GAATTCGTAT TTCCTCCTTT AATATAGGTT GCATTAAAT AATTATCACT CATTTGTCAA ATGCATATAAG TTCACAGGCC GCATGGTTCC AATATATTTA GATATAATTT GTCATATTTC	TTTTGAGCTT TCGATCTGCA GAGCTGGGTT CTATATATTC TTTCTTTCAT GCAAACGTGA CCTTGGCAGT GGTCTTTGAC CTTTAATGTT ATATTTTTGC ATCTGTATCA GAACATGACC ATGTAGGAAT CCTTGGTAGTA TCGGTAGACA TGGTACTCTT ATTTTAGAAAG TGTATTATAT CAAGGAATCT	GATGGGTTTA TCTTTGGAGA GTTTGTTTTT TGGATATTAA TCTIGTGGGTT CCCCTCCTAA ATTGTCCTTA TCATCTCATC
219501 219551 219601 219651 219701 219751 219851 219901 219951 220001 220051 220201 220251 220301 220351	TCAGAATIGAA AACGTCTATGT TGTTTGTTGT TCCCTTATCA GCCTTTTTAC AACGGGGGGAT GAGCTTTAGG ATCTAAAACT AACTIGGGACA GCAAGAGAGG TTTAATTIGTT CCTTATTACA ATGCATGCAT CTATCATAGA TTTATTCATG GAATGTTTTTCATG ACTAACATTT TTTTCTTTCA GATTTCATGT	ACTCCGTTGT CAAGTTTTT TGTTGCGTTT TGTTGCCA ATATGTATTT TTGACTATTT CCTTGACAGTG TTGGCTGTTT TTTGGATACT TTGGATACT TAGAGTTACT TAGAGTTACT GTAAGTACAC TGTAAAGTCT GCCTAGTCTA CATATAAATA GGATAAACA TCTTTAAATT CCCTCTTAAA	AAGTAGAGGC GCCCACTTTT TAGGTATTCC TTGCAAACAT CTTTTTTIGTA TAAGACCATT GAATTCGTAT TTCCTCCTTT AATATAGGTT GCATTAAAT AATTATCACT CATTTGTCAA ATGCATATAG TTCACAGGCC GCATGGTTCC AATATATTTA GATATAATTTA GATATAATTTC CAACTTGAGA	TTTTGAGCTT TCGATCTGCA GAGCTGGGTT CTATATATTC TTTCTTTCAT GCAAACGTGA CCTTGGCAGT GGTCTTTGATGTT ATATTTTTGC ATCTGTATCA GAACATGACC ATGTAGGAAT CCTTGGTAGGACA TCGGTAGACA TCGGTAGACA TCGTACTCTT ATTTAGAAAG TGTATTATAT CAAGGAATCT TACGTTAACT TACGTTAACT	GATGGGTTTA TCTTTGGAGA GTTTGTTTTT TGGATATTAA TCTGTGGGTT CCCCTCCTAA ATTGTCCTTA ATTGTCCATC ATATAGACAC GAAGAATTTA CTGTGAAGTT TAGAACAATA GAATGTATGT TACTACAGTG GCAGTCATTGT CATCAGAAAA ATGTGAGGTAA ATTGTGAGTAA ATTGTGAGTAA ATTGTGAGTAATCT TTGGTAATCT
219501 219551 219601 219651 219701 219751 219801 219851 219901 220051 220001 220151 220201 220251 220301 220301 220351 220301	TCAGAATIGA AACGTCTATG TGTTTGTTGT TCCCTTATCA GCCTTTTTAC AACGGGGGAT GAGCTTTAGG ATCTAAAACT AACTGGGACA ACCAGAGAGAG TTTAATTGTT CCTTATTACA ATGCATGCAT CTATCATAGA TTTATTCATG GAATGTTCGT ACTAACATT TTTTCTTCAT GATTTCATGG ACTAACATT TTTTTCTTCAT GATTTCATGG GATTTCATGG TCTATCATAGA TTTATTCATG GATTTCATG	ACTCCGTTGT CAAGTTTTT TGTTGCGTTT TGACTAGTT TCACTTGCCA ATATGTATTT TTGACTATTT CCTTGATGTT GCTGACAGTG TTGGCTGTT TTTGGATACT TAGAGTTACT TAGAGTTACT GTAAGTACAC TGTAAAGTCT GCCTAGTCTA CATATAAATA GGATAAAGCA TCTTTAAATT CCCTCTTAAA TCACTTCATT	AAGTAGAGGC GCCCACTTTT TAGGTATTCC TTGCAAACAT CTTTTTTGTA TAAGACCATT GAATTCGTAT TTCCTCCTTT AATATAGGTT GCCATTAAAT AATTATACGTT CATTTGTCAA ATGCATATAG TTCACAGGCC GCATGGTTCC AATATATTTA GATATAATTT GTCATATTTT GTCATATTTT CACAGGCC CACTGTTCC AATATATTT GTCATATTTC CAACTTGAGA CTGTGGCCTT	TTTTGAGCTT TCGATCTGCA GAGCTGGGTT CTATATATTC TTTCTTTCAT GCAAACGTGA CCTTGGCAGT GGTCTTTGAC CTTTGATGTT ATATTTTTGC ATCTGTATCA GAACATGACC ATGTAGGAAT CCTTGGTAGT TCGGTAGACA TCGTACTCTT ATTTTAGAAAG TGTATTATAT CAAGGAATCT TAAGTTAACT TAATTTAAGA	GATGGGTTTA TCTTTGGAGA GTTTGTTTTT TGGATATTAA TCTIGTGGGTT CCCCTCCTAA ATTGTCCTTA TCATCTCATC

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220551 GCTTTTCCCT TAAAAATAAT CTGCAGTATA CATGGATCTT AAAATAGGAA
220601 TGATAACTCT TTTGTAGAAA TATTAGGGGA TCAGAAGAGA TAATTTATAC
220651 GAATCATTTG GCTTACAATT TGTTGTAAAG TGAGGCCTTG AGACGCAATA
220031 GARICATTIG GETTACATT GETTACATTACA CATTACATTC
220701 GCTATTACAG GGTGAGCATT CTAAGTTGGA AAATTCAAGA CCTGAAATGC
220751 TCCAAAATTT GAAACTTTTG AGTTCTAACA TAATGCTTGA AGGAAATGCT
220801 CATTGGAGCA TITAGGATTT TGGATTTTAA GGTTTGGGAT GCTCAACCCT
220851 AAACCAGTAA GTATGTATAA TGCAAATATT ACAAAATCCA AAAAAAATCT
220901 GAAATCTGAA ACACTCTGGT CCCAAGCAAT TCAGATAAGG GGTATTCACC
220951 CTGTATTATT AGTTTTTCCA GAAAAAAAA AAAAAGATTA TCAAAGATAC
221001 ACACCCGACT TTAGCACTAA AATTITTAAG TIGTIGTACC TTCAATTGCT
221051 TTATTTTTCC CTTTCAATTC TAATGTTAAA AAATGTAATC CTGTTTTACA
221031 HAITING CHIOMIC MAGINA AMIGINAL CIGITIAN
221101 AAATATTICA GCAAGTTTIC AGCAGTCGTC GCTATTACAT TAACTATAAA
221151 TAATCTTTTG GGAGACCTAT CAACATCTAC TTTCTCTTTC ACAATTTGAT
221201 AATTAACGTA TATCACATCT GTGCCTTTCT TTCTAGGGAT TTCCAAGATC
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221301 TAACCCACCT TCTTATGAGC TTTTCCAATT TTCGGGCAAA TAACTAAGTA
221501 MACCACCI ICHAIGAGC HTTCCAATT TICGGGCAA MACMAGA
221351 CAGTATTTGT GCTGATATAG GTACAAGAGT TTAAAGAAGG CATGACTTAA
221401 GTGTTACTAA GAGGAAATAA GGAGAAATTA TGTTAATAAA TTGGCATTAT
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221501 AATGCTTTGC ATTTCTCGGT GGATGAATGA TTTTAAAATT TCATACATGG
221501 AAIGCHIGE AHICIGGI GGAIGANIGA HITAMAH ICATACAGA
221551 GGGAGAAAAT AAAAATACTC CTGAACCCAA AGCTTGACTT CATTCAGGGA
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221801 CTTTTTGTTT AGTACTAGGA AGTATTTCCA CAGATGTTGA GTGAGTGGAT
221851 AAATGAATTA ACTTGTGTGG TATACCTGGG GAAAAGGCAG TAAATGGGTA
221901 GAAAAACTCA AGAATAATCT ACACCTATGG GGTTGACAAC TTTTCCAGTT
221951 GCTCTAGGAA TTACTGTAAT CATTTTCTTT CTGTTATACT GCCTTATAGA
221931 GCCIAGGA TIACIGIAAI CATTITUTE CIGITATACI GCCIATATA
222001 TCTGATGGAA ATTTTGAAAA GAGTGTGTTC TCATTGTTTA GCTCTATATA
222051 TCTGTTGGCT TCATTTGCTT TTAATATTTT TTTCTAATAG ATACCTTTCT
222101 GGCTTGCACA GCAAAGTTCA ATTAATGTAA GGATAAAATG TAAATTATCT
222151 AATTCAGCTT ATTTACATGC TGTAAGTAAT ATAGTAATGC TAACTGGGCT
222121 ATTOMOCH THEORY TO THE COLORATE TACTORIA
222201 TTCCTTGGCT TTTGTTTCAT TGTGATCTGA GCTCAGATTA TAGTTTGATC
222251 TGCTATGCGC TGACCTGGGT GCCAGATGCA AGGGAAGCCA GTAAATAATA
222301 CTATAAAGAG AGATGCTAGC TTTAGTTTTG AAAGGACGAT GACTTGTAAG
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222751 TCTCTTTTCC ATTTTCTTTA GAACATACAG GCTAGAAGAT CCACTCAGCA 222801 TTTAATGCAT ATGACTTTAC ATTGCTGTTT ATCTTTTTGT TTATCCCGAA 222851 ATTGGAAGCT TCTAAAAGGC AGAGATTCAC TCTCTTCCTG TGGTGGTTCT 222901 AGAGGCTGTG CCTTGCATAG AGTTAATTTT TAAAAAATAA TTAATAATTA 222951 TTTTTCTTAC CATTTCTATT ACTCATTTTT CAATTTGGAG AATAATTTTA
222751 TCTCTTTTCC ATTTTCTTTA GAACATACAG GCTAGAAGAT CCACTCAGCA 222801 TTTAATGCAT ATGACTTTAC ATTGCTGTTT ATCTTTTTGT TTATCCCGAA 222851 ATTGGAAGCT TCTAAAAGGC AGAGATTCAC TCTCTTCCTG TGGTGGTTCT 222901 AGAGGCTGTG CCTTGCATAG AGTTAATTTT TAAAAAATAA TTAATAATTA 222951 TTTTTCTTAC CATTTCTATT ACTCATTTTT CAATTTGGAG AATAATTTTA 223001 CCTGGCCACA CTGATGGAAC TTGCATACAT GGGCCAGCTC TTTTACTCAG
222751 TCTCTTTTCC ATTTTCTTTA GAACATACAG GCTAGAAGAT CCACTCAGCA 222801 TTTAATGCAT ATGACTTTAC ATTGCTGTTT ATCTTTTTGT TTATCCCGAA 222851 ATTGGAAGCT TCTAAAAGGC AGAGATTCAC TCTCTTCCTG TGGTGGTTCT 222901 AGAGGCTGTG CCTTGCATAG AGTTAATTTT TAAAAAATAA TTAATAATTA 222951 TTTTTCTTAC CATTTCTATT ACTCATTTTT CAATTTGGAG AATAATTTTA 223001 CCTGGCCACA CTGATGGAAC TTGCATACAT GGGCCAGCTC TTTTACTCAG 223051 TTGCCCAATT TTTGAATGAA ACTGAAAACT GTGGACAGAT ACATCAGGGA
222751 TCTCTTTTCC ATTTTCTTTA GAACATACAG GCTAGAAGAT CCACTCAGCA 222801 TTTAATGCAT ATGACTTTAC ATTGCTGTTT ATCTTTTTGT TTATCCCGAA 222851 ATTGGAAGCT TCTAAAAGGC AGAGATTCAC TCTCTTCCTG TGGTGGTTCT 222901 AGAGGCTGTG CCTTGCATAG AGTTAATTTT TAAAAAATAA TTAATAATTA 222951 TTTTTCTTAC CATTTCTATT ACTCATTTTT CAATTTGGAG AATAATTTTA 223001 CCTGGCCACA CTGATGGAAC TTGCATACAT GGGCCAGCTC TTTTACTCAG 223051 TTGCCCAATT TTTGAATGAA ACTGAAAACT GTGGACAGAT ACATCAGGGA
222751 TCTCTTTTCC ATTTTCTTTA GAACATACAG GCTAGAAGAT CCACTCAGCA 222801 TTTAATGCAT ATGACTTTAC ATTGCTGTTT ATCTTTTTGT TTATCCCGAA 222851 ATTGGAAGCT TCTAAAAGGC AGAGATTCAC TCTCTTCCTG TGGTGGTTCT 222901 AGAGGCTGTG CCTTGCATAG AGTTAATTTT TAAAAAATAA TTAATAATTA 222951 TTTTTCTTAC CATTTCTATT ACTCATTTTT CAATTTGGAG AATAATTTTA 223001 CCTGGCCACA CTGATGGAAC TTGCATACAT GGGCCAGCTC TTTTACTCAG 223051 TTGCCCAATT TTTGAATGAA ACTGAAAACT GTGGACAGAT ACATCAGGGA 223101 AGAGGAACAT ACAGAGTAAA AGACATAAAA GCCTTAAAGT TGCTTCAGTT
222751 TCTCTTTTCC ATTITICTITA GAACATACAG GCTAGAAGAT CCACTCAGCA 222801 TTTAATGCAT ATGACTITAC ATTIGCTGTTT ATCTTTTTGT TTATCCCGAA 222851 ATTIGGAAGCT TCTAAAAGGC AGAGATTCAC TCTCTTCCTG TGGTGGTTCT 222901 AGAGGCTGTG CCTTGCATAG AGTTAATTTT TAAAAAATAA TTAATAATTA 222951 TTTTTCTTAC CATTTCTATT ACTCATTTTT CAATTTIGGAG AATAATTTTA 223001 CCTGGCCACA CTGATGGAAC TTGCATACAT GGGCCAGCTC TTTTACTCAG 223051 TTGCCCAATT TTTGAATGAA ACTGAAAACT GTGGACAGAT ACATCAGGGA 223101 AGAGGAACAT ACAGAGTAAA AGACATAAAA GCCTTAAAGT TGCTTCAGTT 223151 TCTTCATTTC ATCTTGTAAA TTACACAGGA GTCCTTCAGA TAAAACTCAC
222751 TCTCTTTTCC ATTITICTITA GAACATACAG GCTAGAAGAT CCACTCAGCA 222801 TTTAATGCAT ATGACTITAC ATTIGCTGTTT ATCTTTTGT TTATCCCGAA 222851 ATTIGGAAGCT TCTAAAAGGC AGAGATTCAC TCTCTTCCTG TGGTGGTTCT 222901 AGAGGCTGTG CCTTGCATAG AGTTAATTTT TAAAAAATAA TTAATAATTA 222951 TTTTTCTTAC CATTTCTATT ACTCATTTTT CAATTTIGGAG AATAATTTTA 223001 CCTGGCCACA CTGATGGAAC TTGCATACAT GGGCCAGCTC TTTTACTCAG 223051 TTGCCCAATT TTTGAATGGAA ACTGAAAACT GTGGACAGAT ACATCAGGGA 223101 AGAGGAACAT ACAGAGTAAA AGACATAAAA GCCTTAAAGT TGCTTCAGTT 223151 TCTTCATTTC ATCTTGTAAA TTACACAGGAA GTCCTTCAGA TAAAACTCAC 223201 TGGTTATATG ACAAATTAAG CAATTAGATT ACTGCACACC TAATAATAGT
222751 TCTCTTTTCC ATTITICTITIA GAACATACAG GCTAGAAGAT CCACTCAGCA 222801 TITAATGCAT ATGACTITAC ATTIGCTGTTT ATCTTTTGT TTATCCCGAA 222851 ATTIGGAAGCT TCTAAAAGGC AGAGATTCAC TCTCTTCCTG TGGTGGTTCT 222901 AGAGGCTGTG CCTTGCATAG AGTTAATTTT TAAAAAATAA TTAATAATTA 222951 TTTTTCTTAC CATTTCTATT ACTCATTTTT CAATTTIGGAG AATAATTTTA 223001 CCTGGCCACA CTGATGGAAC TTGCATACAT GGGCCAGCTC TITTACTCAG 223051 TTGCCCAATT TTTGAATGGA ACTGAAAACT GTGGACAGAT ACATCAGGGA 223101 AGAGGAACAT ACAGAGTAAA AGACATAAAA GCCTTAAAGT TGCTTCAGTT 223151 TCTTCATTTC ATCTTGTAAA TTACACAGGA GTCCTTCAGA TAAAACTCAC 223201 TGGTTATATG ACAAATTAAG CAATTAGATT ACTGCACACC TAATAATAGT 223251 AGCAAATAAT GCACTTTCAA TCTGCTAATA TGTTAAGCAC TITTCATTAT
222751 TCTCTTTTCC ATTITICTITA GAACATACAG GCTAGAAGAT CCACTCAGCA 222801 TTTAATGCAT ATGACTITAC ATTIGCTGTTT ATCTTTTGT TTATCCCGAA 222851 ATTIGGAAGCT TCTAAAAGGC AGAGATTCAC TCTCTTCCTG TGGTGGTTCT 222901 AGAGGCTGTG CCTTGCATAG AGTTAATTTT TAAAAAATAA TTAATAATTA 222951 TTTTTCTTAC CATTTCTATT ACTCATTTTT CAATTTIGGAG AATAATTTTA 223001 CCTGGCCACA CTGATGGAAC TTGCATACAT GGGCCAGCTC TTTTACTCAG 223051 TTGCCCAATT TTTGAATGGAA ACTGAAAACT GTGGACAGAT ACATCAGGGA 223101 AGAGGAACAT ACAGAGTAAA AGACATAAAA GCCTTAAAGT TGCTTCAGTT 223151 TCTTCATTTC ATCTTGTAAA TTACACAGGAA GTCCTTCAGA TAAAACTCAC 223201 TGGTTATATG ACAAATTAAG CAATTAGATT ACTGCACACC TAATAATAGT
222751 TCTCTTTTCC ATTTTCTTTA GAACATACAG GCTAGAAGAT CCACTCAGCA 222801 TTTAATGCAT ATGACTTTAC ATTGCTGTTT ATCTTTTGT TTATCCCGAA 222851 ATTGGAAGCT TCTAAAAGGC AGAGATTCAC TCTCTTCCTG TGGTGGTTCT 222901 AGAGGCTGTG CCTTGCATAG AGTTAATTTT TAAAAAATAA TTAATAATTA 222951 TTTTTCTTAC CATTTCTATT ACTCATTCTT CAATTTGGAG AATAATTTTA 223001 CCTGGCCACA CTGATGGAAC TTGCATACAT GGGCCAGCTC TTTTACTCAG 223051 TTGCCCACATT TTTGAATGGAA ACTGAAAACT GTGGACAGAT ACATCAGGGA 223101 AGAGGAACAT ACAGAGTAAA AGACATAAAA GCCTTAAAGT TGCTTCAGTT 223151 TCTTCATTTC ATCTTGTAAA TTACACAGGA GTCCTTCAGA TAAAACTCAC 223201 TGGTTATATG ACAAATTAAG CAATTAGATT ACTGCACACC TAATAATAGT 223251 AGCAAATAAT GCACTTTCAA TCTGCTAATA TGTTAAGGAAT TTAAAACCTTC
222751 TCTCTTTTCC ATTTTCTTTA GAACATACAG GCTAGAAGAT CCACTCAGCA 222801 TTTAATGCAT ATGACTTTAC ATTGCTGTTT ATCTTTTGT TTATCCCGAA 222851 ATTGGAAGCT TCTAAAAGGC AGAGATTCAC TCTCTTCCTG TGGTGGTTCT 222901 AGAGGCTGTG CCTTGCATAG AGTTAATTTT TAAAAAATAA TTAATAATTA 222951 TTTTTCTTAC CATTTCTATT ACTCATTTTT CAATTTGGAG AATAATTTTA 223001 CCTGGCCACA CTGATGGAAC TTGCATACAT GGGCCAGCTC TTTTACTCAG 223051 TTGCCCAATT TTTGAATGAA ACTGAAAACT GTGGACAGAT ACATCAGGGA 223101 AGAGGAACAT ACAGAGTAAA AGACATAAAA GCCTTAAAGT TGCTTCAGTT 223151 TCTTCATTTC ATCTTGTAAA TTACACAGGA GTCCTTCAGA TAAAACTCAC 223201 TGGTTATATG ACAAATTAAG CAATTAGATT ACTGCACACC TAATAATAGT 223201 TGGTTATATG ACAAATTAAG CAATTAGATT ACTGCACACC TAATAATAGT 223351 AGCAAATAAT GCACTTTCAA TCTGCTAATA TGTTAAGCAC TTTTCATTAT 223301 CTCTTCCTTT TACATAAGG GAATCTGAAG TTTAAGGGAAT TTAAAACTTCC 223351 CACAAAGTTA GTAGTCAGTA GTTTATATAC TAGTATTAAA TCTGTTTAAA
222751 TCTCTTTTCC ATTTTCTTTA GAACATACAG GCTAGAAGAT CCACTCAGCA 222801 TTTAATGCAT ATGACTTTAC ATTGCTGTTT ATCTTTTTGT TTATCCCGAA 222851 ATTGGAAGCT TCTAAAAGGC AGAGATTCAC TCTCTTCCTG TGGTGGTTCT 222901 AGAGGCTGTG CCTTGCATAG AGTTAATTTT TAAAAAATAA TTAATAATTA 222951 TTTTTCTTAC CATTTCTATT ACTCATTTTT CAATTTGGAG AATAATTTTA 223001 CCTGGCCACA CTGATGGAAC TTGCATACAT GGGCCAGCTC TTTTACTCAG 223051 TTGCCCAATT TTTGAATGAA ACTGAAAACT GTGGACAGAT ACATCAGGGA 223101 AGAGGAACAT ACAGAGTAAA AGACATAAAA GCCTTAAAGT TGCTTCAGTT 223151 TCTTCATTTC ATCTGTGAAA TTACACAGGA GTCCTTCAGA TAAAACTCAC 223201 TGGTTATATG ACAAATTAAG CAATTAGATT ACTGCACACC TAATAATAGT 223251 AGCAAATAAT GCACTTTCAA TCTGCTAATA TGTTAAGGAAT TTAAAACTTC 223301 CTCTTCCTTT TACATAAGGG GAATCTGAAG TTTAGGGAAT TTAAAACTTC 223351 CACAAAGTTA GTAGTCAGTA GTTTTATATAC TAGTATTAAA TCTGTTTAAA 223401 TCCAAAGCCG GTGACATTAA CAGTTTCCAA ACGATAATAA CAAAAGTGAA
222751 TCTCTTTTCC ATTTTCTTTA GAACATACAG GCTAGAAGAT CCACTCAGCA 222801 TTTAATGCAT ATGACTTTAC ATTGCTGTTT ATCTTTTGT TTATCCCGAA 222851 ATTGGAAGCT TCTAAAAGGC AGAGATTCAC TCTCTTCCTG TGGTGGTTCT 222901 AGAGGCTGTG CCTTGCATAG AGTTAATTTT TAAAAAATAA TTAATAATTA 222951 TTTTTCTTAC CATTTCTATT ACTCATTTTT CAATTTGGAG AATAATTTTA 223001 CCTGGCCACA CTGATGGAAC TTGCATACAT GGGCCAGCTC TTTTACTCAG 223051 TTGCCCAATT TTTGAATGAA ACTGAAAACT GTGGACAGAT ACATCAGGGA 223101 AGAGGAACAT ACAGAGTAAA AGACATAAAA GCCTTAAAGT TGCTTCAGT 223151 TCTTCATTTC ATCTTGTAAA TTACACAGGGA GTCCTTCAGA TAAAACTCAC 223201 TGGTTATATG ACAAATTAAG CAATTAGATT ACTGCACACC TAATAATAGT 223201 TGGTTATATG ACAAATTAAG CAATTAGAAT TGTTAAGGAC TTTTCATTAT 223301 CTCTTCCTTT TACATAAGGG GAATCTGAAG TTTAGGGAAT TTAAAACTTC 223351 CACAAAGTTA GTAGTCAGTA GTTTATATAC TAGTATTAAA TCTGTTTAAA 223401 TCCAAAGCCG GTGACATTAA CAGTTTCCAA ACGATAATAA CAAAAGTGAA 223451 AAATGTTAGT ATCATTCCTT GAGAATTCAC TACATAAAAT TCTCTTTCCAA
222751 TCTCTTTTCC ATTTTCTTTA GAACATACAG GCTAGAAGAT CCACTCAGCA 222801 TTTAATGCAT ATGACTTTAC ATTGCTGTTT ATCTTTTTGT TTATCCCGAA 222851 ATTGGAAGCT TCTAAAAGGC AGAGATTCAC TCTCTTCCTG TGGTGGTTCT 222901 AGAGGCTGTG CCTTGCATAG AGTTAATTTT TAAAAAATAA TTAATAATTA 222951 TTTTTCTTAC CATTTCTATT ACTCATTTTT CAATTTGAG AATAATTTA 223001 CCTGGCCACA CTGATGGAAC TTGCATACAT GGGCCAGCTC TTTTACTCAG 223051 TTGCCCAATT TTTGAATGAA ACTGAAAACT GTGGACAGAT ACATCAGGGA 223101 AGAGGAACAT ACAGAGTAAA AGACATAAAA GCCTTAAAGT TGCTTCAGTT 223151 TCTTCATTTC ATCTTGTAAA TTACACAGGA GTCCTTCAGA TAAAACTCAC 223201 TGGTTATATG ACAAATTAAG CAATTAGATT ACTGCACACC TAATAATAGT 223251 AGCAAATAAT GCACTTTCAA TCTGCTAATA TGTTAAGGAC TTTTAATAGT 223301 CTCTTCCTTT TACATAAGGG GAATCTGAAG TTTAGGGAAT TTAAAACTTC 223351 CACAAAGTTA GTAGTCAGTA GTTTATATAC TAGTATTAAA TCTGTTTAAA 223401 TCCAAAGCTG GTGACATTAA CAGTTTTCCAA ACGATAATAA CAAAAGTGAA 223451 AAATGTTAGT ATCATTCCTT GAGAATTCAC TACATAAAAT TCTCTTCCAA 223501 ATATTTACTC ATTTTATAGA TTAGGAAACT GATCCCCAAT GAGGTATATC
222751 TCTCTTTTCC ATTTTCTTTA GAACATACAG GCTAGAAGAT CCACTCAGCA 222801 TTTAATGCAT ATGACTTTAC ATTGCTGTTT ATCTTTTTGT TTATCCCGAA 222851 ATTGGAAGCT TCTAAAAGGC AGAGATTCAC TCTCTTCCTG TGGTGGTTCT 222901 AGAGGCTGTG CCTTGCATAG AGTTAATTTT TAAAAAATAA TTAATAATTA 222951 TTTTTCTTAC CATTTCTATT ACTCATTTTT CAATTTGGAG AATAATTTTA 223001 CCTGGCCACA CTGATGGAAC TTGCATACAT GGGCCAGCTC TTTTACTCAG 223051 TTGCCCAATT TTTGAATGAA ACTGAAAACT GTGGACAGAT ACATCAGGGA 223101 AGAGGAACAT ACAGAGTAAA AGACATAAAA GCCTTAAAGT TGCTTCAGTT 223151 TCTTCATTTC ATCTTGTAAA TTACACAGGA GTCCTTCAGA TAAAACTCAC 223201 TGGTTATATG ACAAATTAAG CAATTAGATT ACTGCACACC TAATAATAGT 223301 CTCTTCCTTT TACATAAGGG GAATCTGAAG TTTAGGGAAT TTAAAACTTC 223301 CTCTTCCTTT TACATAAGGG GAATCTGAAG TTTAGGGAAT TTAAAACTTC 223351 CACAAAGTTA GTAGTCAGTA GTTTATATAC TAGTATTAAA TCTGTTTAAA 223401 TCCAAAGCCG GTGACATTAA CAGTTTCCAA ACGATAAAAAT TCTCTTCCAA 223501 ATATTTACTC ATTTTATAGA TTAGGAAACT GATCCCCAAT GAGGTATATC 223551 CTTTTGGTAT ATTGGTTAAA GAATAATATA TCTACTTGAG AGTGCCATCC
222751 TCTCTTTTCC ATTTTCTTTA GAACATACAG GCTAGAAGAT CCACTCAGCA 222801 TTTAATGCAT ATGACTTTAC ATTGCTGTTT ATCTTTTTGT TTATCCCGAA 222851 ATTGGAAGCT TCTAAAAGGC AGAGATTCAC TCTCTTCCTG TGGTGGTTCT 222901 AGAGGCTGTG CCTTGCATAG AGTTAATTTT TAAAAAATAA TTAATAATTA 222951 TTTTTCTTAC CATTTCTATT ACTCATTTTT CAATTTGGAG AATAATTTTA 223001 CCTGGCCACA CTGATGGAAC TTGCATACAT GGGCCAGCTC TTTTACTCAG 223051 TTGCCCAATT TTTGAATGAA ACTGAAAACT GTGGACAGAT ACATCAGGGA 223101 AGAGGAACAT ACAGAGTAAA AGACATAAAA GCCTTAAAGT TGCTTCAGTT 223151 TCTTCATTTC ATCTTGTAAA TTACACAGGA GTCCTTCAGA TAAAACTCAC 223201 TGGTTATATG ACAAATTAAG CAATTAGATT ACTGCACACC TAATAATAGT 223301 CTCTTCCTTT TACATAAGGG GAATCTGAAG TTTAGGGAAT TTAAAACTTC 223301 CTCTTCCTTT TACATAAGGG GAATCTGAAG TTTAGGGAAT TTAAAACTTC 223351 CACAAAGTTA GTAGTCAGTA GTTTATATAC TAGTATTAAA TCTGTTTAAA 223401 TCCAAAGCCG GTGACATTAA CAGTTTCCAA ACGATAAAAAT TCTCTTCCAA 223501 ATATTTACTC ATTTTATAGA TTAGGAAACT GATCCCCAAT GAGGTATATC 223551 CTTTTGGTAT ATTGGTTAAA GAATAATATA TCTACTTGAG AGTGCCATCC
222751 TCTCTTTTCC ATTTTCTTTA GAACATACAG GCTAGAAGAT CCACTCAGCA 222801 TTTAATGCAT ATGACTTTAC ATTGCTGTTT ATCTTTTGT TTATCCCGAA 222851 ATTGGAAGCT TCTAAAAGCC AGAGATTCAC TCTCTTCCTG TGGTGGTTCT 222901 AGAGGCTGTG CCTTGCATAG AGTTAATTTT TAAAAAATAA TTAATAATTA 222951 TTTTTCTTAC CATTTCTATT ACTCATTTTT CAATTTIGGAG AATAATTTA 223001 CCTGGCCACA CTGATGGAAC TTGCATACAT GGGCCAGCTC TTTTACTCAG 223051 TTGCCCAATT TTTGGATGAA ACTGAAAACT GTGGACAGAT ACATCAGGGA 223101 AGAGGAACAT ACAGAGTAAA AGACATAAAA GCCTTAAAGT TGCTTCAGTT 223151 TCTTCATTTC ATCTTGTAAA TTACACAGGA GTCCTTCAGA TAAAACTCAC 223201 TGGTTATATG ACAAATTAAG CAATTAGATT ACTGCACACC TAATAATAGT 223301 CTCTTCCTTT TACATAAGGG GAATCTGAAG TTTAGGGAAT TTAAAACTTC 223351 CACAAAGTTA GTAGTCAGTA GTTTATATAC TAGTATTAAA TCTGTTTAAA 223401 TCCAAAGCCG GTGACATTAA CAGTTTCCAA ACGATAATAA TCTCTTTCAA 223451 AAATGTTAGT ATCATTCCTT GAGAATTCC TACATAAAAT TCTCTTCCCAA 223551 ATATTTACTC ATTTTATAGA TTAGGAAACT GATCCCCAAT GAGGTATATC 223551 CTTTTGGTAT ATTGGTTAAA GAATAATATA TCTACTTGAG AGTGGCATCC 223601 TAATTACTGA AAACTGGACT ACGAACTTTT AAAGTTTAAT TAACAGTAAT
222751 TCTCTTTTCC ATTTTCTTTA GAACATACAG GCTAGAAGAT CCACTCAGCA 222801 TTTAATGCAT ATGACTTTAC ATTGCTGTTT ATCTTTTGT TTATCCCGAA 222851 ATTGGAAGCT TCTAAAAGC AGAGATTCAC TCTCTTCCTG TGGTGGTTCT 222901 AGAGGCTGTG CCTTGCATAG AGTTAATTTT TAAAAAATAA TTAATAATTA 222951 TTTTTCTTAC CATTTCTATT ACTCATTTTT CAATTTTGGAG AATAATTTTA 223001 CCTGGCCACA CTGATGGAAC TTGCATACAT GGGCCAGCTC TTTTACTCAG 223051 TTGCCCAATT TTTGAATGAA ACTGAAAACT GTGGACAGAT ACATCAGGGA 223101 AGAGGAACAT ACAGAGTAAA AGACATAAAA GCCTTAAAGT TGCTTCAGTT 223151 TCTTCATTTC ATCTTGTAAA TTACACAGGA GTCCTTCAGA TAAAACTCAC 223201 TGGTTATATG ACAAATTAAG CAATTAGATT ACTGCACACC TAATAATAGT 223251 AGCAAATAAT GCACTTTCAA TCTGCTAATA TGTTAAGCAC TTTTCATTAT 223301 CTCTTCCTTT TACATAAGGG GAATCTGAAG TTTAGGGAAT TTAAAACTTC 223351 CACAAAGTTA GTAGTCAGTA GTTTATATAC TAGTATTAAA TCTGTTTAAA 223401 TCCAAAGCCG GTGCATTAA CAGTTTCCAA ACGATAATAA TCTGTTTAAA 223451 AAATGTTAGT ATCATTCCTT GAGAATTCC TACATAAAAT TCTCTTCCAA 223551 ATTTTACTC ATTTTATAGA TTAGGAAACT GATCCCCAAT GAGGTATATC 223551 CTTTTGGTTAA ATTTGTTAAA GAATAATATA TCTACTTGAG AGTGGCATCC 223601 TAATTTACTGA AAACTGGACT ACGAACTTTT AAAGTTTAAT TCTACTTGAG AGTGGCATCC 223601 TAATTACTGA AAACTGGACT ACGAACTTTT AAAGTTTAAT TAACAGTAAT
222751 TCTCTTTTCC ATTTTCTTTA GAACATACAG GCTAGAAGAT CCACTCAGCA 222801 TTTAATGCAT ATGACTTTAC ATTGCTGTTT ATCTTTTGT TTATCCCGAA 222851 ATTGGAAGCT TCTAAAAGGC AGAGATTCAC TCTCTTCCTG TGGTGGTTCT 222901 AGAGGCTGTG CCTTGCATAG AGTTAATTTT TAAAAAATAA TTAATAATTA 222951 TTTTTCTTAC CATTTCTATT ACTCATTTTT CAATTTIGGAG AATAATTTTA 223001 CCTGGCCACA CTGATGGAAC TTGCATACAT GGGCCAGCTC TTTTACTCAG 223051 TTGCCCAATT TTTGAATGAA ACTGAAAACT GTGGACAGCT ACATCAGGGA 223101 AGAGGAACAT ACAGAGTAAA AGACATAAAAA GCCTTAAAGT TGCTTCAGTT 223151 TCTTCATTTC ATCTTGTAAA TTACACAGGA GTCCTTCAGA TAAAACTCAC 223201 TGGTTATATG ACAAATTAAG CAATTAGATT ACTGCACACC TAATAATAGT 223301 CTCTTCCTTT TACATAAGGG GAATCTGAAG TTTAAGGCAC TTTAAAACTTCAC 223301 CTCTTCCTTT TACATAAGGG GAATCTGAAG TTTAAGGCAC TTTAAAACTTCC 223351 CACAAAGTTA GTAGTCAGTA GTTTATATAC TAGTATTAAA TCTGTTTAAA 223401 TCCAAAGCCG GTGACATTAA CAGTTTCCAA ACGATAATAA TCTCTTCCAA 223401 TCCAAAGCCG GTGACATTAA CAGTTTCCAA ACGATAATAA CAAAAGTGAA 223451 AAATGTTAGT ATCATTCCTT GAGAATTCAC TACATAAAAT TCTCTTCCAA 223551 CTTTTGGTAT ATTTGTTAAA GAATAATATA TCTACTTGAG AGTGGCATCC 223601 TAATTACTCA AAACTGGACT ACGAACTTTT AAAGTTTAAT TACACGTAAT 223601 TAATTACTCA AAACTGGACT ACGAACTTTT AAAGTTTAAT TACACGTAAT 223701 GGAGGTTGTG TATACTCTGA ATACTTATAG CAGTACTTCA GAACAATTTA
222751 TCTCTTTTCC ATTTTCTTTA GAACATACAG GCTAGAAGAT CCACTCAGCA 222801 TTTAATGCAT ATGACTTTAC ATTGCTGTTT ATCTTTTGT TTATCCCGAA 222851 ATTGGAAGCT TCTAAAAGGC AGAGATTCAC TCTCTTCCTG TGGTGGTTCT 222901 AGAGGCTGTG CCTTGCATAG AGTTAATTTT TAAAAAATAA TTAATAATTA 222951 TTTTTCTTAC CATTTCTATT ACTCATTTT CAATTTGGAG AATAATTTTA 223001 CCTGGCCACA CTGATGGAAC TTGCATACAT GGGCCAGCTC TTTTACTCAG 223051 TTGCCCAATT TTTGAATGAA ACTGAAAACT GTGGACAGCT ACATCAGGA 223101 AGAGGAACAT ACAGAGTAAA AGACATAAAA GCCTTAAAGT TGCTTCAGT 223101 TGGTTATATG ACAAATTAAG CAATTAGATT ACTGCACACC TAATAATAGT 223201 TGGTTATATG ACAAATTAAG CAATTAGATT ACTGCACACC TAATAATAGT 223301 CTCTTCCTTT TACATAAGGG GAATCTGAAG TTTAAGGCAC TITTCATTAT 223301 CTCTTCCTTT TACATAAGGG GAATCTGAAG TTTAAGGCAC TITTCATTAT 223301 CTCTTCCTTT TACATAAGGG GAATCTGAAG TTTAAGGCAC TITTCATTATA 223401 TCCAAAGCCG GTGACATTAA CAGTTTCCAA ACGATAATAA CCAAAGTGAA 223451 AAATGTTAGT ATTCGTTAAAA CAGTTTCCAA ACGATAATAA CAAAAGTGAA 223451 CACAAAGTTA ATTCGTTAAA GAATAATATA TCTACTTGAG AGTGGCATCC 223501 ATATTTACTCA ATTCGTTAAA GAATAATAT TCTACTTGAG AGTGGCATCC 223601 TAATTACTCA AAACTGGACT ACGAACTTTT AAAGTTTAAT TAACAGTAAT 223701 GGAGGTTGTG TATACTCTGA ATACTTATAG CAGTACTTCA GAACAATTTA 223751 GAACATATTT GTACTTCTAA TGCAAATTTA ATGCTTAGAA TCCTGTTAAC
222751 TCTCTTTTCC ATTTTCTTTA GAACATACAG GCTAGAAGAT CCACTCAGCA 222801 TTTAATGCAT ATGACTTTAC ATTGCTGTTT ATCTTTTGT TTATCCCGAA 222851 ATTGGAAGCT TCTAAAAGGC AGAGATTCAC TCTCTTCCTG TGGTGGTTCT 222901 AGAGGCTGTG CCTTGCATAG AGTTAATTTT TAAAAAATAA TTAATAATTA 222951 TTTTTCTTAC CATTTCTATT ACTCATTTT CAATTTGGAG AATAATTTTA 223001 CCTGGCCACA CTGATCGAAC TTGCATACAT GGGCCAGCTC TTTTACTCAG 223051 TTGCCCAATT TTTGAATGAA ACTGAAAACT GTGGACAGAT ACATCAGGA 223101 AGAGGAACAT ACAGAGTAAA AGACATAAAA GCCTTAAAGT TGCTTCAGT 223101 TGGTTATATG ACAAATTAAG CAATTAGATT ACTGCACACC TAATAATAGT 223251 AGCAAATAAT GCACTTTCAA TCTGCTAATA TGTTAAGCAC TTTTCATTAT 223301 CTCTTCCTTT TACATAAGGG GAATCTGAAG TTTAAGGAAT TTAAAACTTCC 223351 CACAAAGTTA GTAGTCAGTA GTTTATATAC TAGTATTAAA TCTGCTTAAA 223401 TCCAAAGCCG GTGACATTAA CAGTTTCCAA ACGATAATAA CCAAAAGTGAA 223451 AAATGTTAGT ATCATTCCTT GAGAATTCAC TACATAAAAT TCTCTTCCAA 223501 ATATTTACTC ATTTTATAGA TTAGGAAACT GATCCCCAAT GAGGTATATC 223551 CTTTTGGTAT ATTGGTTAAA GAATAATAA TCTACTTGAG AGTGGCATCC 223601 TAATTTACTC ATTTTATAGA TTAGGAAACT TTACATTAAAT TCTACTTGAG AGTGGCATCC 223601 TAATTTACTGA AAACTGGACT ACGAACTTTT AAAGTTTAAT TTACAGTAAT 223701 GGGGTTGTG TATACTCTGA ATACTTATAG CAGTACTTCA GAACAATTTA 223701 GGAGGTTGTG TATACTCTGA ATACTTATAG CAGTACTTCA GAACAATTTA 223701 GGAGGTTGTG TATACTCTGA ATACTTATAG CAGTACTTCA GAACAATTTA 223701 GAACATATTT GTACTTCTAA TGCAAAATTTA ATGTCTTCAGAA TCCTGTTAAC 223801 ACATGGGATA AATACTTCTAA TGCAAAATTTA ATGTCTTAAA 223701 GAACATATTT GTACTTCTAA TGCAAAATTTA ATGTCTTAGAA TCCTGTTAAC 223801 ACATGGGATA AATACTTCTAA TGCAAAATTTA ATGTCTTAAA 223801 ACATGGGATA AATACTTCTAA TGCAAAATTTA ATGTCTTAAA TCCTGTTAAC 223801 ACATGGGATA AATACTTCTAA TGCAAAATTTA ATGTCTTAAA
222751 TCTCTTTTCC ATTTTCTTTA GAACATACAG GCTAGAAGAT CCACTCAGCA 222801 TTTAATGCAT ATGACTTTAC ATTGCTGTTT ATCTTTTGT TTATCCCGAA 222851 ATTGGAAGCT TCTAAAAGGC AGAGATTCAC TCTCTTCCTG TGGTGGTTCT 222901 AGAGGCTGTG CCTTGCATAG AGTTAATTTT TAAAAAATAA TTAATAATTA 222951 TTTTTCTTAC CATTTCTATT ACTCATTTT CAATTTGGAG AATAATTTTA 223001 CCTGGCCACA CTGATCGAAC TTGCATACAT GGGCCAGCTC TTTTACTCAG 223051 TTGCCCAATT TTTGAATGAA ACTGAAAACT GTGGACAGAT ACATCAGGA 223101 AGAGGAACAT ACAGAGTAAA AGACATAAAA GCCTTAAAGT TGCTTCAGT 223101 TGGTTATATG ACAAATTAAG CAATTAGATT ACTGCACACC TAATAATAGT 223251 AGCAAATAAT GCACTTTCAA TCTGCTAATA TGTTAAGCAC TTTTCATTAT 223301 CTCTTCCTTT TACATAAGGG GAATCTGAAG TTTAAGGAAT TTAAAACTTCC 223351 CACAAAGTTA GTAGTCAGTA GTTTATATAC TAGTATTAAA TCTGCTTAAA 223401 TCCAAAGCCG GTGACATTAA CAGTTTCCAA ACGATAATAA CCAAAAGTGAA 223451 AAATGTTAGT ATCATTCCTT GAGAATTCAC TACATAAAAT TCTCTTCCAA 223501 ATATTTACTC ATTTTATAGA TTAGGAAACT GATCCCCAAT GAGGTATATC 223551 CTTTTGGTAT ATTGGTTAAA GAATAATAA TCTACTTGAG AGTGGCATCC 223601 TAATTTACTC ATTTTATAGA TTAGGAAACT TTACATTAAAT TCTACTTGAG AGTGGCATCC 223601 TAATTTACTGA AAACTGGACT ACGAACTTTT AAAGTTTAAT TTACAGTAAT 223701 GGGGTTGTG TATACTCTGA ATACTTATAG CAGTACTTCA GAACAATTTA 223701 GGAGGTTGTG TATACTCTGA ATACTTATAG CAGTACTTCA GAACAATTTA 223701 GGAGGTTGTG TATACTCTGA ATACTTATAG CAGTACTTCA GAACAATTTA 223701 GAACATATTT GTACTTCTAA TGCAAAATTTA ATGTCTTCAGAA TCCTGTTAAC 223801 ACATGGGATA AATACTTCTAA TGCAAAATTTA ATGTCTTAAA 223701 GAACATATTT GTACTTCTAA TGCAAAATTTA ATGTCTTAGAA TCCTGTTAAC 223801 ACATGGGATA AATACTTCTAA TGCAAAATTTA ATGTCTTAAA 223801 ACATGGGATA AATACTTCTAA TGCAAAATTTA ATGTCTTAAA TCCTGTTAAC 223801 ACATGGGATA AATACTTCTAA TGCAAAATTTA ATGTCTTAAA
222751 TCTCTTTTCC ATTITICTITA GAACATACAG GCTAGAAGAT CCACTCAGCA 222801 TITAATGCAT ATGACTITAC ATTIGCTGTTT ATCTTTTGT TITATCCCGAA 222851 ATTIGGAAGCT TCTAAAAGGC AGAGATTCAC TCTCTTCCTG TGGTGGTTCT 222901 AGAGGCTGTG CCTTGCATAG AGTTAATTTT TAAAAAATAA TTAATAATTA 222951 TTTTTCTTAC CATTTCTATT ACTCATTTT CAATTTIGGAG AATAATTTTACTCAG AATAATTTA CCTGGCCACAC CTGATGGAAC TTGCATACAT GGGCCAGCTC TITTACTCAG 223051 TTGCCCAAATT TTTGAATGAA ACTGAAAACT GTGGACAGAT ACATCAGGGA 223101 AGAGGAACAT ACAGAGTAAA AGACATAAAA GCCTTAAAGT TGCTTCAGT TCCTTCAGT TCCTTCAGT TACTCAGGA GTCCTTCAGA TAAAACTCAC 22301 TGGTTATATG ACAAATTAAG CAATTAGATT ACTGCACACC TAATAATAGT 223251 AGCAAATAAT GCACTTTCAA TCTGCTAATA TGTTAAGCAC TTTTCATTAT 223301 CTCTTCCTTT TACATAAGGG GAATCTGAAG TTTAAGGAAC TTTTAAAACTTCC 223351 CACAAAGTTA GTAGTCAGTA GTTTATATAC TAGTATTAAA TCTGCTTAAA TCTGCTTCAA ACGATAATAA CAAAAGTGAA 223401 TCCAAAGCCG GTGACATTAA CAGTTTCCAA ACGATAATAA CAAAAGTGAA 223501 ATATTTACTC ATTTTATAGA TTAGGAAACT GATCCCCAAT GAGGTATATC 223601 TAATTTACTGA AAACTGGACT ACGAACTTTT AAAGTTTAAT TAACAGTAAT TTTTCTTTTATAGA TTACTCTGA ATACTTATAG CAGTACTTCA GAACAATTTA TTACTTCTTAA TTACCTTCTAA TACCTTCTAA
222751 TCTCTTTTCC ATTTTCTTTA GAACATACAG GCTAGAAGAT CCACTCAGCA 222801 TTTAATGCAT ATGACTTTAC ATTGCTGTTT ATCTTTTGT TTATCCCGAA 222851 ATTGGAAGCT TCTAAAAGGC AGAGATTCAC TCTCTTCCTG TGGTGGTTCT 222901 AGAGGCTGTG CCTTGCATAG AGTTAATTTT TAAAAAATAA TTAATAATTA 222951 TTTTTCTTAC CATTTCTATT ACTCATTTT CAATTTGGAG AATAATTTTA 223001 CCTGGCCACA CTGATGGAAC TTGCATACAT GGGCCAGCTC TTTTACTCAG 223051 TTGCCCAATT TTTGAATGAA ACTGAAAACT GTGGACAGAT ACATCAGGGA 223101 AGAGGAACAT ACAGAGTAAA AGACATAAAA GCCTTAAAGT TGCTTCAGT 223151 TCTTCATTTC ATCTTGTAAA TTACACAGGA GTCCTTCAGA TAAAACTCAC 223201 TGGTTATATG ACAAATTAAG CAATTAGATT ACTGCACACC TAATAATAGT 223251 AGCAAATAAT GCACTTTCAA TCTGCTAATA TGTTAAGGAC TTTTCATTAT 223301 CTCTTCCTTT TACATAAGGG GAATCTGAAG TTTAAGGAAT TTAAAACTTC 223351 CACAAAGTTA GTAGTCAGTA GTTTATATAC TAGTATTAAA TCTGCTTAAA 223401 TCCAAAGCCG GTGACATTAA CAGTTTCCAA ACGATAATAA CAAAAGTGAA 223451 AAATGTTAGT ATCATTCCTT GAGAATTCAC TACATAAAAT TCTCTTCCAA 223501 ATATTTACTC ATTTTATAGA TTAGGAAACT GATCCCCAAT GAGGTATATC 223551 CTTTTGGTAT ATTGGTTAAA GAATAATATA TCTACTTGAG AGTGGCATCC 223601 TAATTACTGA AAACTGGACT ACGAACTTTT AAAGTTTAAT TAACAGTAAT 223751 GACAATATTT GTACTTCTAA TACATATAG CAGTAATAT TAACAGTAAT 223751 GACAATATTT GTACTTCTAA TGCAAAATTTA ATGTCTAGAA TCCTGTTAAT 223751 GACAATATTT GTACTTCTAA TGCAAAATTTA ATGTCTAGAA TCCTGTTAAC 223801 ACATGGACAA TATCCCAACA GAAAGAGATT ATGGCTAGAA TCCTGGTTAAC 223801 ACATGGACAAATTTT GTACTTCTAA TGCAAAATTTA ATGTCTAGAA TCCTGTAACAA 223801 ACATGGACAAATTTT GTACTTCTAA TGCAAAATTTA ATGTCTAGAA TCCTGGTTAAC 223801 ACATGGACAAATTTT GTACTTCTAA TGCAAAATTTA ATGTCTAGAA TCCTGGAATTAG 223801 ACATGGACAAATTTT GTACCTTCAACAA CACTAGATTCA CAGAAGGCCCAC TAAAATATGAGAA 223901 ACTGACAGAAT TTCTCAACAA CACTAGATTCA CAGAGGCCAC TAAAATATGAGAA 223901 ACTGACATTTT AAACCTAAGAT TTTTATCCAACA TAACCTTATTTT AAACCTTATTT
222751 TCTCTTTTCC ATTITICTITA GAACATACAG GCTAGAAGAT CCACTCAGCA 222801 TITAATGCAT ATGACTITAC ATTIGCTGTTT ATCTTTTGT TITATCCCGAA 222851 ATTIGGAAGCT TCTAAAAGGC AGAGATTCAC TCTCTTCCTG TGGTGGTTCT 222901 AGAGGCTGTG CCTTGCATAG AGTTAATTTT TAAAAAATAA TTAATAATTA 222951 TTTTTCTTAC CATTTCTATT ACTCATTTT CAATTTIGGAG AATAATTTTACTCAG AATAATTTA CCTGGCCACAC CTGATGGAAC TTGCATACAT GGGCCAGCTC TITTACTCAG 223051 TTGCCCAAATT TTTGAATGAA ACTGAAAACT GTGGACAGAT ACATCAGGGA 223101 AGAGGAACAT ACAGAGTAAA AGACATAAAA GCCTTAAAGT TGCTTCAGT TCCTTCAGT TCCTTCAGT TACTCAGGA GTCCTTCAGA TAAAACTCAC 22301 TGGTTATATG ACAAATTAAG CAATTAGATT ACTGCACACC TAATAATAGT 223251 AGCAAATAAT GCACTTTCAA TCTGCTAATA TGTTAAGCAC TTTTCATTAT 223301 CTCTTCCTTT TACATAAGGG GAATCTGAAG TTTAAGGAAC TTTTAAAACTTCC 223351 CACAAAGTTA GTAGTCAGTA GTTTATATAC TAGTATTAAA TCTGCTTAAA TCTGCTTCAA ACGATAATAA CAAAAGTGAA 223401 TCCAAAGCCG GTGACATTAA CAGTTTCCAA ACGATAATAA CAAAAGTGAA 223501 ATATTTACTC ATTTTATAGA TTAGGAAACT GATCCCCAAT GAGGTATATC 223601 TAATTTACTGA AAACTGGACT ACGAACTTTT AAAGTTTAAT TAACAGTAAT TTTTCTTTTATAGA TTACTCTGA ATACTTATAG CAGTACTTCA GAACAATTTA TTACTTCTTAA TTACCTTCTAA TACCTTCTAA

224001 CCAACACTAT TTCTGAAAAG CACCAGGCAA GAAAAGTATG TCCAGAAGGA
224051 ACTAGTGAGA TATAGTTAGT AAAAGGAAAT AAAGAACCCA AGAAAGGGTA 224101 TAGTTTATA GCCACACAAT GGGGAGAAA ACGGAAAAGA AGGGGAAAGA
224101 TAGATTATA GCCACAGTAA TITTGTTGGCT TAGAATTAAA ACTCCAGGTA
224201 ATATTAGTCT TTCAGCAGTT ATGGGGACAA GATGGGTAAG GAAGTCAGTT
224251 AGAGATCAGA GTAGGTGAAA ATTTTGAGGT TCTTGTATTC ATCAGGGAAA
224301 GTATTTATGA ACTITAGACA CTAACAGTGA AAAATATGCA TAGTTATGAA
224351 ACTCAAAATT AAGCTCTCTG TTTAATAATA GACATCAGAG ATAACATGAA
224401 CAGATACTGA TAAATTGAGA AAAGAGCTTC AGTACCAAAT GAAACAAAGA
224451 ACACAGATTT CCAGGTGCTT TTTTATCTGA TCATGTTGCA GCACCATTGG
224501 AACCATTIGIG TCACTITAAC CAAGCCTCCA ATATTTTTAT TCTTTCAGAT
224551 CACAAGGGT GGATGCCAAA CCTCTCATTT TTTTCCTCAT GATTACACTA 224601 CAAGGCAAAG CGCACAGGT TTGAGTTCGT TGCAGTTGCT AGGGACATAC
224651 ACCTAGGGAC TGACTACTAG GGCAACCTAT GCTGTCATGT CACATTGTTC
224701 ATAAGTCTTC OGTGAGCAAA GATCTGTCCC AACAAATGCC CCATACTCCT
224751 TTCACTICCA AGTTATITIC TATCCTAAAC AATTITICCT TCCTTTATAC
224801 TGGAAACTCC AAGATCTATA ACATTTTATC ATAAACTTGA TCTTATTTTA
224851 TATTATATAT TIGIGITICCC ATTICACTCT TCTGTTATCT TACTCTAACA
224901 CITAMATGCT GTATGATCAA AGITAACTAA TITTCTTAMAT TTAATGAATC 224951 TCTTTAMACC AGGAGATGTC ATGTCTTGGT TGTGCATGGT ATACATAGGA
225001 ATGATAGTTT AAGGAAACCC ATTTCTAGAT CTTTAGTGCC TAAAACTGAT
225051 CTGCTTGAGA ATTCACTTGT GATGGGGGTG GAAGTTTCTC TTCTCCAAAC
225101 TCCTCTTAC CTCTGAAGCA TCAAACAAGT GGGCAGTGGG AAATACAGGT
225151 ATTACGTTTG AGAGAATAGA TGGCACTAAA GCCATCTATT ATTAAACTGG
225201 TACTCAGTAC CAGTITACTG AGTGTGGTCT GAAGATCATA ATAATTACCA
225251 TTTGCCTTTT TCATTCTTAT TTTCTCAGTA GITACAATTA AAAAAGATTT
225301 TCAGTTGTTA TCTGTCATCA TTCCTGATAT ATAATATAGA CAGATTTCAA 225351 ATACTTGAGG AATATGATTA GAACAGAATT ACTTCTCGCT TATTTGTATG
225401 AACAAGGTTT CTCTGTACTT TATTCCACAA ATTTTTTTA GAAATTGAAA
225451 TAGAATCTAA AAAATTGAAT TGTAGCAATA AGTAATAGTT TACAATGTCT
225501 ATAAAAATTC ACTGGGGAGG GAGACTAATA AGAGGATTCC AGCTGTCTCA
225551 TTAAGAAACG AACTTTCTAT AACCTTAATG TTTAATTATA TTTTCCAAAA
225601 ATCATTAATA CATTTATGTA ATTGTACATG AATCATTGTA ATGCTCATTC
225651 AATCCAGAAG AAACGTAATA CTTAGAACCT TATGTTCATA TGAGTGAACA
225701 TTTTTTAAAA TTTCAAAATA TGTGCATATT TTTCTAAGAA TTATTACAAG 225751 ATGATCAGAG AAAGAAGGAA ATTCTATTGG GATAGTAGAG TAGAAGTACA
225801 AATTCAAGGA GAAAAAAAGA GCAGTGTAAA ATTTCTCAAA GATATCTTTT
225851 AAATAGATGG TAGTGTTAAA TCACTGTATA TTTAAATCTG TTGAATATGT
225901 TGAAAGAGTT GATGTAAAGG TCTTATTTTA AAATCTCAAT ATTTACAAAA
225951 CTCTGGAAAT TACATCCTTT ACCACTATTT AAACATGGGT ACATGTGAGA
226001 AGGCAAAAAT CTCAATTTTC TTTTTTAAGT ATACATACAG TTCCTTTTTA
226051 GCACTAAGAG CTACGTGTGC ATAATGATTG AGACCAGAAC TCCACATTTT
226101 GTTGAAAAGT GGGGAGTGAG GGGGAGAGAG AGAAATGCTT TTAAAATTAA 226151 ACAATGAAAC TTTTTCCGGGG AGTAGTGAAG AGTGGGTGGT TATAAAATGA
226201 CTTGGAAGCA GATCAGCTGG AAAGGTGAAA GAATCAGAAA GCAAATATAG
226251 CAGTGGATAA TGGAGTTGAT CTGTAGCTAG CCTATAGCAA CTGCCTTTAC
226301 TATATTITAA TATGTGCCAT TAAGTGTGTC TCTTGATTGC TTCTGCTTTC
226351 TGCCAGTATG GCTTACTGTT GTAACTAGAG TTAGTTAGCT GGCCCACTGA
226401 TACCACCACC AGAGCCTTTT CTAATCTATT ATAGATTTCT AACGTGGGAT
226451 AGGAGGCCAA CAATGTTTCT TTGATTACAA ATAGGAGGTA CATACCTTGC 226501 CAAAAATTTG CAACATGATA GAATTGAAGT CAGTACAGAA CACACACACA
226551 CTCTATTTTT TTTTTTTTTT TIGAGACAGA GTCTCGCTCT GTCGACCAGG
226601 CTGGAGTGCA GTGGCACGAT CTTGGCTCAC TGCAACCTCT GTCTCCCGGG
226651 CTCAAGCAAT TCTCTTGCCT CAGCCTCCCG AGTAGCTGGG ATTACAGGCA
226701 GGTGCCACCA TGCCCGGCTA ATTTTTGTAT TTTTAGTAGA GACAAGGTTT
226751 CACCATGTTG GCCAGGCTGG TCTCGAATTC CTGACCTCAG GTAATCCGCC
226801 TGCCTCGGCC TCCCAAAGTG CTGGGATTAT AGGGGTGAGC CACGGGGGCCT 226851 GGCACACACA CACTGTTTTT ATACCACTGT TACTTTACAG TTTGCCCAAG
226901 TTATGACAGA GATGGCACTT ATACTTAGTA AATAAATTTG ATAAGTTACA
226951 GGCTTACAAA TGGAGAAATC AAGAATCAGG TGACTAAAGT GAGATGGAGA
227001 TAAAACTAGA TAAGATGAGT CTTTGCTGCA ACACTTGACA AAATCCTGGG
227051 AGAAAGGATA AAACCATCTA ATTCATAAAA TTTATAATAG GCCAATGGAC
227101 TGGAAAGAAA AAGAAATACA GGAAAGATAC TGTGGAAGAG AAATTACAGA
227151 AAAAGGTGAG GAAAAAGTTA ATGTCTGGGG ATGGGAATAA AATGAGAAAT
227201 GGGGTTTAGC TGTCTATAAT AAAACAAATA GAAAATGAAG ACCAAAGCTT 227251 TTTCTCTGCT TGGATTTGTA CTTTTCAATT TCATAATATG TTTGTCTAAA
- KELEJI TITULUGU TUGATITUM CITTUMIT TATAATATU TITULAM
227301 TCAGTGATTA TCAAAAGGGC TCTAAGGTGT GCATCTGAGA ATTATGCATG
227301 TCAGTGATTA TCAAAAGGGC TCTAAGGTGT GCATCTGAGA ATTATGCATG 227351 TACATCAGAA TATGCAAATG TTCTCTTTTC TTCATAAGAT TCTGGTACAA
227301 TCAGTGATTA TCAAAAGGGC TCTAAGGTGT GCATCTGAGA ATTATGCATG 227351 TACATCAGAA TATGCAAATG TTCTCTTTTC TTCATAAGAT TCTGGTACAA 227401 CTTAATGATC TTAAAAAATG CTTACCCAAT CCCACCTCAC ATAGGCACAC 227451 ACAAAAACCA CTGGATATTT AGATGGAACT GTGCTGTTCA TTTCAATGGT

### FIGURE 3MMM

Rec'd PCT/PTO 03 SEP 2004 PCT/US03/06670 10/506549

227501					
	GTTGAAGCCT	<b>AACTAATGTG</b>	ATTTTCATCA	TGTAGCAAAC	ATTTAAAACT
		CTAAGCATTA			
227601	ACTUTO	TGTCGCCCAG	TTTGGAGTGC	AATGACATGA	TCTCTCCTCA
227601	AGICIOACIC	CTTCTAC	CATCAACCAA	ATIONOTION	TCACCCTCCC
55/02T	CIGCAACCIC	CGTCTCCTAG	GATCAAGCAA	TICTICIGAL	TORGETTEE
22//01	AAGTTAGCIG	GGACTACAGG	CACACGCCIG	IAGI ICAACA	IAIGCAAAIC
227751	AATAAACATA	<b>ATACATCACA</b>	TAAACAGAAC	CAATGACAAA	AACCACATGA
227801	TTATCTCAGT	<b>AGATACAGAA</b>	AAGGCCTCCG	ATAAAGCTCA	ACACCCCTTT
227851	ΑΤΙΟΟΤΑΛΑΛΑ	TACTCAATAA	ACTAGGTATT	GATGGAACAT	ΔΤΟΤΟΔΔΔΔΤ
		ATTCATGACA			
		AGCATTCCCT			
228001	CTCTCACCAC	TCCTGTTCAA	CATAGTACTG	GAAGTTCTGG	CCAGGGCAAT
228051	CAGGCAAGAG	AAAGAAATAA	<b>AGCGTATTTA</b>	AATAGGAAGA	GAGGAAGTCA
228101	AATTGTCTCT	<b>GTTTGCAGAT</b>	GACATGATTG	ΤΔΤΔΤΤΤΔζ-Δ	ΔΔΔΟΥΥΓΑΤΙ
220101	ATCTCACCCC	AAAAACTCCT	TAACCTCATA	ACCAACTICA	CCAAACTCCC
55950T	AGGATACAAA	ATCAATGTGC	AWGATCACA	AGCATICCIA	IACACCAAIA
		AGCCAAATCA			
		TAGGAATCCA			
228351	<b>GGAGAACTAC</b>	<b>AAACGACTGC</b>	TCAAGGAAAT	<b>AAGATAGGAC</b>	ACAAACAAAT
228401	GAAAAATAT	CCCATGTGCT	CATGGATATG	ΔΔGΔΔΤCΔΔΤ	ATCATGAAAG
220/01	TOCCOCATACT	GCCCAAAGTA	ATTIGTAGAT	TCAATCCTAT	TOCCATCAGE
220401	IGGCCATACT	GCCCAAAGIA	ACCANTTACAA	CAAACTACTA	TAACTTTCAT
22820T	CIACCATIGA	CTTCCTTCAC	AGAAT TAGAA	GAVACIACII	IAAGITICAT
		AAAATAGCCC			
228601	ACAAAGCTGG	<b>AGACGTCACA</b>	CTACCTGACT	TCAAACTATA	CTGCAAGGCT
228651	ACAGTAACCA	<b>AAGCAGCATG</b>	<b>GTACTGGTAC</b>	CAAAACAGAT	ATATAGACCA
		ACAGAGGCCT			
		CAAACCTGAC			
		<b>GGTGTTGGAA</b>			
228851	AACTGGACTC	CTTCCTTACA	CCTTATACAA	AAATTAACTC	AAGATGGATT
228901	AAAGACTTAA	<b>ACATAAGACC</b>	TAAAACCATA	AAGACCCTAG	AAGAAAACCT
		<b>GTTCAGGAAG</b>			
		AAAGGCACCA			
		GCTTCTGCAC			
229101	CAACCTACAG	<b>AGTGGGAGAA</b>	AATTTTTACA	GTCTATGCAT	CTTACAAAGG
229151	CCTAATATCC	<b>AGAATCTACA</b>	AAGAACTTAA	ACAAATTTAC	AAGAAAAAA
229201	CAAACATTCC	CATCAAAAAG	TGGGTGAAAA	AGTGGGGAA	GGATATCAAC
220251	AGACACTCCT	CAAAGAAAGA	CGTTTATICA	ACCAACAAAC	ΔΤΑΔΓΑΔΑΔΑ
		CTGGTCATTA			
229351	ACCATCICIC	ACCAGTTAGA	AIGGIGAICA	IIAAAAAGIC	
229401			<del></del>		
	AGATGCTGGA	GAGGATGTGG	<b>AGAAATAGGA</b>	ACGCTTTTAC	ACTGTTGGTG
229451	AGATGCTGGA GGAGTATAAA	GAGGATGTGG TTAGTTCAAC	<b>AGAAATAGGA</b>	ACGCTTTTAC	ACTGTTGGTG
229451	<b>GGAGTATAAA</b>	TTAGTTCAAC	AGAAATAGGA CATTGTGGAA	ACGCTTTTAC GACAGTGTGG	ACTIGTTIGGTIG CIGATTICCTICA
229451 229501	GGAGTATAAA AGGACCTAGA	TTAGTTCAAC AACAGAAAGA	AGAAATAGGA CATTIGTGGAA CCATTIGACC	ACGCTTTTAC GACAGTGTGG TAGCAATTCC	ACTGTTGGTG CGATTCCTCA ATTACTGGGT
229451 229501 229551	GGAGTATAAA AGGACCTAGA ATATACCCAA	TTAGTTCAAC AACAGAAAGA ATGATTATGA	AGAAATAGGA CATTIGTIGGAA CCATTIGACC ATCATTICTAT	ACGCTTTTAC GACAGTGTGG TAGCAATTCC AAAGACACAT	ACTIGITIGGTG CGATTICCTICA ATTACTIGGGT GCACACGTAT
229451 229501 229551 229601	GGAGTATAAA AGGACCTAGA ATATACCCAA GTTTATTGCA	TTAGTTCAAC AACAGAAAGA ATGATTATGA GCACTATTCA	AGAAATAGGA CATTIGGGAA CCATTIGACC ATCATTCTAT CAATAGTAAA	ACGCTTTTAC GACAGTGTGG TAGCAATTCC AAAGACACAT AACTTGGAAC	ACTIGITICGTIG CGATTICCTICA ATTACTIGGGT GCACACGTAT CAACCCATAT
229451 229501 229551 229601 229651	GGAGTATAAA AGGACCTAGA ATATACCCAA GTTTATTGCA GCCCATCAAT	TTAGTTCAAC AACAGAAAGA ATGATTATGA GCACTATTCA GATAGACTGA	AGAAATAGGA CATTIGTGGAA CCATTIGACC ATCATTCTAT CAATAGTAAA AATAAAGAAA	ACGCTTTTAC GACAGTGTGG TAGCAATTCC AAAGACACAT AACTTGGAAC ATGTGGCACA	ACTISTTIGGTG CGATTICCTCA ATTACTIGGGT GCACACGTAT CAACCCATAT TATACACCAT
229451 229501 229551 229601 229651	GGAGTATAAA AGGACCTAGA ATATACCCAA GTTTATTGCA GCCCATCAAT	TTAGTTCAAC AACAGAAAGA ATGATTATGA GCACTATTCA	AGAAATAGGA CATTIGTGGAA CCATTIGACC ATCATTCTAT CAATAGTAAA AATAAAGAAA	ACGCTTTTAC GACAGTGTGG TAGCAATTCC AAAGACACAT AACTTGGAAC ATGTGGCACA	ACTISTTIGGTG CGATTICCTCA ATTACTIGGGT GCACACGTAT CAACCCATAT TATACACCAT
229451 229501 229551 229601 229651 229701	GGAGTATAAA AGGACCTAGA ATATACCCAA GTTTATTGCA GCCCATCAAT GAAATACTAT	TTAGTTCAAC AACAGAAAGA ATGATTATGA GCACTATTCA GATAGACTGA GCAGCCATAA	AGAAATAGGA CATTIGTIGAAA CCATTIGACC ATCATTICTAT CAATAGTAAA AATAAAGAAA AAAAGAATGA	ACGCTTTTAC GACAGTGTGG TAGCAATTCC AAAGACACAT AACTTGGAAC ATGTGGCACA GTTCATGTCC	ACTGTTGGTG CGATTCCTCA ATTACTGGGT GCACACGTAT CAACCCATAT TATACACCAT TTTGTAGGGA
229451 229501 229551 229601 229651 229701 229751	GGAGTATAAA AGGACCTAGA ATATACCCAA GTTTATTGCA GCCCATCAAT GAAATACTAT CATGGTTGAA	TTAGTTCAAC AACAGAAAGA ATGATTATGA GCACTATTCA GATAGACTGA GCAGCCATAA ACTGGAAACC	AGAAATAGGA CATTIGTIGAAA CCATTIGACC ATCATTICTAT CAATAGTAAA AATAAAGAAA AAAAGAATGA ATCATTICCCA	ACGCTTTTAC GACAGTGTGG TAGCAATTCC AAAGACACAT AACTTGGAAC ATGTGGCACA GTTCATGTCC GCAAACTAAC	ACTIGITIGGIG CGATTCCTCA ATTACTIGGGI GCACACGTAT CAACCCATAT TATACACCAT TITIGTAGGGA ACAGGAACAG
229451 229501 229551 229601 229651 229701 229751 229801	GGAGTATAAA AGGACCTAGA ATATACCCAA GTTTATTGCA GCCCATCAAT GAAATACTAT CATGGTTGAA AAAACCAAAC	TTAGTTCAAC AACAGAAAGA ATGATTATGA GCACTATTCA GATAGACTGA GCAGCCATAA ACTGGAAACC ACCTCACATT	AGAAATAGGA CATTIGTIGAAA CCATTIGACC ATCATTICTAT CAATAGTAAA AATAAAGAAA AAAAGAATGA ATCATTICCCA CTCATTICATA	ACGCTTTTAC GACAGTGTGG TAGCAATTCC AAAGACACAT AACTTGGAAC ATGTGGCACA GTTCATGTCC GCAAACTAAC AGTGGGAGTT	ACTGTTGGTG CGATTCCTCA ATTACTGGGT GCACACGTAT CAACCCATAT TATACACCAT TTTGTAGGGA ACAGGAACAG GAACAATGAG
229451 229551 229551 229601 229651 229701 229751 229801 229851	GGAGTATAAA AGGACCTAGA ATATACCCAA GTTTATTGCA GCCCATCAAT GAAATACTAT CATGGTTGAA AAAACCAAAC AACACATGGA	TTAGTTCAAC AACAGAAAGA ATGATTATGA GCACTATTCA GATAGACTGA GCAGCCATAA ACTGGAAACC ACCTCACATT CACAGGGAGG	AGAAATAGGA CATTIGTIGAAA CCATTIGACC ATCATTICTAT CAATAGTAAA AATAAAGAAA AAAAGAATGA ATCATTICCCA CICATTICATA GGAACATAAC	ACGCTTTTAC GACAGTGTGG TAGCAATTCC AAAGACACAT AACTTGGAAC ATGTGGCACA GTTCATGTGC GCAAACTAAC AGTGGGAGTT ACACTGGGGG	ACTIGITIGGTG CGATTICCTCA ATTACTIGGGT GCACACGTAT CAACCCATAT TATACACCAT TITTIGTAGGGA ACAGGAACAG GAACAATGAG CTIGTCGGGGG
229451 229501 229551 229601 229651 229701 229751 229801 229851 229901	GGAGTATAAA AGGACCTAGA ATATACCCAA GTTTATTGCA GCCCATCAAT GAATACTAT CATGGTTGAA AAAACCAAAC AACACTGGA ATGGGGGTGG	TTAGTTCAAC AACAGAAAGA ATGATTATGA GCACTATTCA GATAGACTGA GCAGCCATAA ACTGGAAACC ACCTCACATT CACAGGGAAGG GAAAGGGGAGG	AGAAATAGGA CATTIGTIGAAA CCATTIGACC ATCATTICTAT CAATAGTAAA AATAAAGAAA AAAAGAATGA ATCATTICCAA CTCATTICATA GGAACATTAAC GGATAACATT	ACGCTTTTAC GACAGTGTGG TAGCAATTCC AAAGACACAT AACTTGGAAC ATGTGGCACA GTTCATGTTCC GCAAACTAAC AGTGGGAGTT ACACTGGGGC AGGAGAATA	ACTIGITIGGTG CGATTCCTCA ATTACTIGGGT GCACACGTAT CAACCCATAT TATACACCAT TTTIGTAGGGA ACAGGAACAG GAACAATGAG CTIGTCGGGGG CCTAATGTAA
229451 229501 229551 229601 229651 229701 229751 229801 229851 229901 229951	GGAGTATAAA AGGACCTAGA ATATACCCAA GTTTATTGCA GCCCATCAAT GAATACTAT CATGGTTGAA AAAACCAAAC AACACATGGA ATGGGGGTGG ATGATGGGCT	TTAGTTCAAC AACAGAAAGA ATGATTATGA GCACTATTCA GATAGACTGA GCAGCCATAA ACTGGAAACC ACCTCACACTT CACAGGGGAGG GAAAGGGGAG GATGGGTGCA	AGAAATAGGA CATTIGTIGAAA CCATTIGACC ATCATTICTAT CAATAGTAAA AATAAAGAAA AAAAGAATGA ATCATTICCAA CTCATTICATA GGAACATTAAC GGATAACATT GCAAACCCAC	ACGCTTTTAC GACAGTGTGG TAGCAATTCC AAAGACACAT AACTTGGAAC ATGTGGCACA GTTCATGTTCC GCAAACTAAC AGTGGGAGTT ACACTGGGGC AGGAGAAATA CATGGCACAT	ACTGTTGGTG CGATTCCTCA ATTACTGGGT GCACACGTAT CAACCCATAT TATACACCAT TTTGTAGGGA ACAGGAACAG GAACAATGAG CTGTCGGGGG CCTAATGTAA GTATACCTAT
229451 229501 229551 229601 229651 229701 229751 229801 229801 229901 229951 230001	GGAGTATAAA AGGACCTAGA ATATACCCAA GTTTATTGCA GCCCATCAAT GAAATACTAT CATGGTTGAA AAAACCAAAC AACACATGGA ATGGGGGTGGA ATGGGGGTGG GTGATGGGCT GTAACAAACC	TTAGTTCAAC AACAGAAAGA ATGATTATGA GCACTATTCA GATAGACTGA GCAGCCATAA ACTGGAAACC ACCTCACATT CACAGGGAGG GAAGGGGAG GATGGGTGCA TGCACACCTA	AGAAATAGGA CATTIGTIGAAA CCATTIGACC ATCATTICTAT CAATAGTAAA AATAAAGAATGA ATCATTICCCA CTICATTICCTA CICATTICATA GGAACATAAC GGATAACATT GCAAACCCAC TIGTAACAAAC	ACGCTTTTAC GACAGTGTGG TAGCAATTCC AAAGACACAT AACTTGGAAC ATGTGGCACA GTTCATGTCC GCAAACTAAC AGTGGGAGT ACACTGGGGC AGGAGAAATA CATGGCACAT CTGCACATTC	ACTGTTGGTG CGATTCCTCA ATTACTGGGT GCACACGTAT CAACCCATAT TATACACCAT TTTGTAGGGA ACAGGAACAG GAACAATGAG CTGTCGGGGG CCTAATGTAA GTATACCTAT TGCACACGTA
229451 229501 229551 229601 229651 229701 229751 229801 229801 229901 229951 230001	GGAGTATAAA AGGACCTAGA ATATACCCAA GTTTATTGCA GCCCATCAAT GAAATACTAT CATGGTTGAA AAAACCAAAC AACACATGGA ATGGGGGTGGA ATGGGGGTGG GTGATGGGCT GTAACAAACC	TTAGTTCAAC AACAGAAAGA ATGATTATGA GCACTATTCA GATAGACTGA GCAGCCATAA ACTGGAAACC ACCTCACACTT CACAGGGGAGG GAAAGGGGAG GATGGGTGCA	AGAAATAGGA CATTIGTIGAAA CCATTIGACC ATCATTICTAT CAATAGTAAA AATAAAGAATGA ATCATTICCCA CTICATTICCTA CICATTICATA GGAACATAAC GGATAACATT GCAAACCCAC TIGTAACAAAC	ACGCTTTTAC GACAGTGTGG TAGCAATTCC AAAGACACAT AACTTGGAAC ATGTGGCACA GTTCATGTCC GCAAACTAAC AGTGGGAGT ACACTGGGGC AGGAGAAATA CATGGCACAT CTGCACATTC	ACTGTTGGTG CGATTCCTCA ATTACTGGGT GCACACGTAT CAACCCATAT TATACACCAT TTTGTAGGGA ACAGGAACAG GAACAATGAG CTGTCGGGGG CCTAATGTAA GTATACCTAT TGCACACGTA
229451 229501 229551 229601 229651 229701 229851 229801 229951 229951 230001 230051	GGAGTATAAA AGGACCTAGA ATATACCCAA GTTTATTGCA GCCCATCAAT GAAATACTAT CATGGTTGAA AAAACCAAAC AACACATGGA ATGGGGGTGG ATGATGGGCT GTAACAAACC TCCCAGAACT	TTAGTTCAAC AACAGAAAGA ATGATTATGA GCACTATTCA GATAGACTGA GCAGCCATAA ACTGGAAACC ACCTCACATT CACAGGGGAGG GAAGGGGGAG GATGGGTGCA TGCACACCTA TAAAGTATAA	AGAAATAGGA CATTIGTIGAAA CCATTIGACC ATCATTICTAT CAATAGTAAA AATAAAGAATA AATAAAGAATGA ATCATTICCCA CTICATTICATA GGAACATAAC GGATAACATT GCAAACCCAC TIGTAACAAAC TAATAAGCAA	ACGCTTTTAC GACAGTGTGG TAGCAATTCC AAAGACACAT AACTTGGAAC ATGTGGCACA GTTCATGTCC GCAAACTAAC AGTGGGAGTT ACACTGGGGC AGGAGAAATA CATGGCACAT CTGCACATTC AGATAATTAG	ACTGTTGGTG CGATTCCTCA ATTACTGGGT GCACACGTAT CAACCCATAT TATACACCAT TTTGTAGGGA ACAGGAACAG GAACAATGAG CTGTCGGGGGG CCTAATGTAA GTATACCTAT TGCACACGTA AAGACAAGCT
229451 229501 229551 229601 229651 229701 229851 229801 229851 229901 229951 230001 230051 230101	GGAGTATAAA AGGACCTAGA ATATACCCAA GTTTATTGCA GCCCATCAAT GAAATACTAT CATGGTTGAA AAAACCAAAC AACACATGGA ATGGGGTGG ATGATGGGCT GTAACAAACC TCCCAGAACT ACAGGCTGGG	TTAGTTCAAC AACAGAAAGA ATGATTATGA GCACTATTCA GATAGACTGA GCAGCCATAA ACTGGAAACC ACCTCACATT CACAGGGAGG GAAGGGGAGG GATGGGTGCA TGCACACCTA TAAAGTATAA GGAGAATATT	AGAAATAGGA CATTIGTIGAAA CCATTIGACC ATCATTICTAT CAATAGTAAA AATAAAGAATGA ATCATTICCCA CTCATTICATA GGAACATAAC GGATAACATT GCAAACCCAC TIGTAACAAAC TAATAAGCAA TIGCAAAAGAC TIGCAAAAGAC	ACGCTTTTAC GACAGTGTGG TAGCAATTCC AAAGACACAT AACTTGGAAC ATGTGGCACA GTTCATGTCC GCAAACTAAC AGTGGGAGTT ACACTGGGGC AGGAGAAATA CATGGCACAT CTGCACATTC AGATAATTAG ACATCTGATA	ACTGTTGGTG CGATTCCTCA ATTACTGGGT GCACACGTAT CAACCCATAT TATACACCAT TTTGTAGGGA ACAGGAACAG GAACAATGAG CCTGTCGGGGG CCTAATGTAA GTATACCTAT TGCACACGTA AAGACAAGCT AAGGACAGGTT AAGGACTGTT AAGGACTGTT
229451 229501 229551 229601 229651 229701 229851 229801 229851 229901 230051 230051 230151	GGAGTATAAA AGGACCTAGA ATATACCCAA GTTTATTGCA GCCCATCAAT GAAATACTAT CATGGTTGAA AAAACCAAAC AACACATGGA ATGGGGGTGGA ATGGGGGTGGG ATGATGGGCT GTAACAAACC TCCCAGAACT ACAGGCTGGG ATCCAAAATA	TTAGTTCAAC AACAGAAAGA ATGATTATGA GCACTATTCA GATAGACTGA GCAGCCATAA ACTGGAAACC ACCTCACATT CACAGGGAGG GAAGGGGAGG GATGGGTGCA TGCACACCTA TAAAGTATAA GGAGAATATT CACAAAGAGC	AGAAATAGGA CATTIGTIGAAA CCATTIGACC ATCATTICTAT CAATAGTAAA AATAAAGAATGA ATCATTICCCA CTCATTICATA GGAACATAAC GGATAACATT GCAAACCCAC TIGTAACAAAC TIGTAACAAAC TAATAAGCAA TIGCAAAAGAC TITTIGAAATT	ACGCTTTTAC GACAGTGTGG TAGCAATTCC AAAGACACAT AACTTGGAAC ATGTGGCACA GTTCATGTCC GCAAACTAAC AGTGGGAGTT ACACTGGGGC AGGAGAAATA CATGGCACAT CTGCACATTC AGATAATTAG ACATCTGATA CAACAATAAG	ACTGTTGGTG CGATTCCTCA ATTACTGGGT GCACACGTAT CAACCCATAT TATACACCAT TTTGTAGGGA ACAGGAACAG GAACAATGAG CCTGTCGGGGG CCTAATGTAA GTATACCTAT TGCACACGTA AAGACAAGCT AAGGACTGTT AAATCTAACA
229451 229501 229551 229601 229651 229701 229751 229801 229951 230001 230051 230151 230151 230201	GGAGTATAAA AGGACCTAGA ATATACCCAA GTTTATTGCA GCCCATCAAT GAAATACTAT CATGGTTGAA AAAACCAAAC AACACATGGA ATGGGGGTGG ATGATGGGCT TCCCAGAACT ACAGGCTGGG ATCCAAAATA ACTGGATTTA	TTAGTTCAAC AACAGAAAGA ATGATTATGA GCACTATTCA GATAGACTGA GCAGCCATAA ACTGGAAACC ACCTCACATT CACAGGGAGG GAAAGGGGAG GATGGGTGCA TGCACACTA TAAAGTATAA GGAGAATATT CACAAAGAGC AAAATGGGTG AAAATGGGTG AAAATGGGTG AAAATGGGTG AAAATGGGTG AAAATGGGTG AAAATGGGTG AAAATGGGTG AAAATGGGTG	AGAAATAGGA CATTIGTIGAAA CCATTIGACC ATCATTICTAT CAATAGTAAA AATAAAGAAA AAAAGAATGA ATCATTICCCA CTCATTICATA GGAACATAAC GGATAACATT GCAAACCAC TIGTAACAAAC TAATAAGCAA TIGCAAAAGAC TITTIGAAATT AAAGACCTTA	ACGCTTTTAC GACAGTGTGG TAGCAATTCC AAAGACACAT AACTTGGAAC ATGTGGCACA GTTCATGTCC GCAAACTAAC AGTGGGAGTT ACACTGGGGC AGGAGAATA CATGGCACAT CTGCACATTC CTGCACATTAG ACATCTGATA CAACAATAAG ACACACCT	ACTGTTGGTG CGATTCCTCA ATTACTGGGT GCACACGTAT TATACACCAT TTTGTAGGGA ACAGGAACAG GAACAATGAG CTGTCGGGGG CCTAATGTAA GTATACCACGTA TGCACACGTA AAGACAAGCT AAGGACTGTT AAATCTAACA CACCAAAGAA
229451 229501 229551 229601 229651 229701 229751 229801 229951 230001 230051 230101 230151 230201 230251	GGAGTATAAA AGGACCTAGA ATATACCCAA GTTTATTGCA GCCCATCAAT GAAATACTAT CATGGTTGAA AAAACCAAAC AACACATGGA ATGGGGGTGG ATGATGGGCT GTAACAAACC TCCCAGAACT ACAGGCTGGG ATCCAAAATA ACTGGATTTA GATATCCACA	TTAGTTCAAC AACAGAAAGA ATGATTATGA GCACTATTCA GATAGACTGA GCAGCCATAA ACTGGAAACC ACCTCACATT CACAGGGAGG GAAGGGGAGG GATGGGTGCA TGCACACTTA ACAGAGATATA GGAGAATATT CACAAAGAGC AAATGGGTG TATCAAATAA	AGAAATAGGA CATTIGTIGAAA CCATTIGACC ATCATTICTAT CAATAGTAAA AATAAAGAAA AAAAGAATGA ATCATTICCCA CTCATTICATA GGAACATAAC GGATAACATAC GGATAACATAC TGCAAACCCAC TGTAACAAAC TAATAAGCAA TGCAAAAGAC TTTTGAAATT AAAGACCTTA GCATATGAAA	ACGCTTTTAC GACAGTGTGG TAGCAATTCC AAAGACACAT AACTTGGAAC ATGTGGCACA GTTCATGTCC GCAAACTAAC AGTGGGAGTT ACACTGGGAGTT ACACTGGGAAATA CATGGCACATT CAGACAATTAG ACATCTGATA CAACAATAAG ACACACACT AGATAATCTA	ACTGTTGGTG CGATTCCTCA ATTACTGGGT GCACACGTAT CAACCCATAT TATACACCAT TTTGTAGGGA ACAGGAACAG GAACAATGAG CTGTCGGGGG CCTAATGTAA GTATACCTAA GTATACCTAA AAGACAAGCT AAGGACTGTT AAATCTAACA CACCAAAGAA CATTATACAT
229451 229501 229551 229601 229651 229701 229851 229801 229851 230001 230051 230151 230201 230251 230301	GGAGTATAAA AGGACCTAGA ATATACCCAA GTTTATTGCA GCCCATCAAT GAAATACTAT CATGGTTGAA AAAACCAAAC AACACATGGA ATGGGGGTGG ATGATGGGCT GTAACAAACC TCCCAGAACT ACAGGCTGGG ATCCAAAATA ACTGGATTA ACTGGATTA ACTGGATTA ACTGGATTA	TTAGTTCAAC AACAGAAAGA ATGATTATGA GCACTATTCA GCACCTAAA ACTGGAAACC ACCTCACATT CACAGGGAGG GAAGGGGAG GAAGGGGAG GATGGGTGCA TGCACACCTA TAAAGTATAA GGAGAATATT CACAAAGAGC AAAATGGGT TATCAAATAA ATGCAAATTA	AGAAATAGGA CATTIGTIGGAA CCATTIGTIGGAA CCATTIGTIGGAA CCATTIGTIGACC ATCATTICTAT CAATAGTAAA AATAAAGAAA AAAGAATGA ATCATTICCCA CTCATTICATA GGAACATAAC GGATAACATT GCAAACCCAC TIGTAACAAAC TAATAAGCAA TIGCAAAACAT TAATAAGCAA TIGCAAAACAT TAATAAGCAA TIGCAAAACAT TAATAAGCAA TIGCAAAACAT TAAGAACTTA AAAGACCTTA AAAGACCTTA AAAGACCTTA AAAGACCTTA AAAGACCTTA AAAGACCTTA AAAGACCTTA AAAGACCTTA AAAGACCTTA AAAAGACCTAA AAACGAGACA	ACGCTTTTAC GACAGTGTGG TAGCAATTCC AAAGACACAT AACTTGGAAC ATGTGGCACA GTTCATGTGCC GCAAACTAAC AGTGGGAGTT ACACTGGGGC AGGAGAAATA CATGGCACATTC AGATAATTAG ACATCTGCACATTC AGATAATTAG ACACAGTAAAC ACACAGTAAA TCACTACACA TCACTACACA	ACTGTTGGTG CGATTCCTCA ATTACTGGGT GCACACGTAT CAACCCATAT TATACACCAT TTTGTAGGGA ACAGGAACAG GAACAATGAG CTGTCGGGGG CCTAATGTAA GTATACCCTAT TGCACACGTA AAGACAAGCT AAGGACTGTT AAATCTAACA CACCAAAGAA CATTATACAT CTTGTTAGAA
229451 229501 229551 229601 229651 229701 229851 229801 229851 230001 230051 230151 230201 230251 230301	GGAGTATAAA AGGACCTAGA ATATACCCAA GTTTATTGCA GCCCATCAAT GAAATACTAT CATGGTTGAA AAAACCAAAC AACACATGGA ATGGGGGTGG ATGATGGGCT GTAACAAACC TCCCAGAACT ACAGGCTGGG ATCCAAAATA ACTGGATTA ACTGGATTA ACTGGATTA ACTGGATTA	TTAGTTCAAC AACAGAAAGA ATGATTATGA GCACTATTCA GATAGACTGA GCAGCCATAA ACTGGAAACC ACCTCACATT CACAGGGAGG GAAGGGGAGG GATGGGTGCA TGCACACTTA ACAGAGATATA GGAGAATATT CACAAAGAGC AAATGGGTG TATCAAATAA	AGAAATAGGA CATTIGTIGGAA CCATTIGTIGGAA CCATTIGTIGGAA CCATTIGTIGACC ATCATTICTAT CAATAGTAAA AATAAAGAAA AAAGAATGA ATCATTICCCA CTCATTICATA GGAACATAAC GGATAACATT GCAAACCCAC TIGTAACAAAC TAATAAGCAA TIGCAAAACAT TAATAAGCAA TIGCAAAACAT TAATAAGCAA TIGCAAAACAT TAATAAGCAA TIGCAAAACAT TAAGAACTTA AAAGACCTTA AAAGACCTTA AAAGACCTTA AAAGACCTTA AAAGACCTTA AAAGACCTTA AAAGACCTTA AAAGACCTTA AAAGACCTTA AAAAGACCTAA AAACGAGACA	ACGCTTTTAC GACAGTGTGG TAGCAATTCC AAAGACACAT AACTTGGAAC ATGTGGCACA GTTCATGTGCC GCAAACTAAC AGTGGGAGTT ACACTGGGGC AGGAGAAATA CATGGCACATTC AGATAATTAG ACATCTGCACATTC AGATAATTAG ACACAGTAAAC ACACAGTAAA TCACTACACA TCACTACACA	ACTGTTGGTG CGATTCCTCA ATTACTGGGT GCACACGTAT CAACCCATAT TATACACCAT TTTGTAGGGA ACAGGAACAG GAACAATGAG CTGTCGGGGG CCTAATGTAA GTATACCCTAT TGCACACGTA AAGACAAGCT AAGGACTGTT AAATCTAACA CACCAAAGAA CATTATACAT CTTGTTAGAA
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229451 229501 229551 229601 229651 229701 229751 229851 229801 229951 230001 230051 230201 230201 230251 230301 230351 230301 230351 230401	GGAGTATAAA AGGACCTAGA ATATACCCAA GTTTATTGCA GCCCATCAAT GAAATACTAT CATGGTTGAA AAAACCAAAC AACACTGGA ATGGGGGTGG ATGATGGGCT GTAACAAACC TCCCAGAACT ACAGGCTGGG ATCCAAAATA ACTGGATTTA ACTGGATTTA GATATCCACA TGGTCAAATT GCATCAAGAA	TTAGTTCAAC AACAGAAAGA ATGATTATGA GCACTATTCA GATAGACTGA GCAGCCATAA ACTGGAAACC ACCTCACATT CACAGGGAGG GAAGGGGAG GATGGGTGCA TGCACACCTA TAAAGTATAA GGAGAATATT CACAAAGAGC AAAATGGGTG TATCAAATTAA CCAGAACACT CTTTCATTCA	AGAAATAGGA CATTIGTIGGAA CCATTIGTIGGAA CCATTIGTIGACC ATCATTICTAT CAATAGTAAA AATAAAGAAA AAAAGAATGA ATCATTICCCA CTCATTICATA GGAACATAAC GGATAACATT GCAAACCCAC TGTAACAAAC TAATAAGCAA TGCAAAGAC TTITGAAATT AAAGACCTTA ACAACCTTA ACAACCCAC CTGTTAACAAC CTGTTAACAAC CTGTTAACAAC CTGTTAACAAC CTGTAACAAC CTGCTTGAACAC CTGCTGGTGG CTGCTGGTGGAAC CTGCTGTGGAAC CTGCTGGTGGAAC CTGCTGTGTGAAC CTGCTGTGGAAC CTGCTGTGTGAAC CTGCTGGTGGAAC CTGCTGTGTGAAC CTGCTGTGAAC CTGCTGTGAAC CTGCTGTGAAC CTGCTGTGAAC CTGCTGTGA	ACGCTTTTAC GACAGTGTGG TAGCAATTCC AAAGACACAT AACTTGGAAC ATGTGGCACA GTTCATGTGCC GCAAACTAAC AGTGGGAGTT ACACTGGGGC AGGAGAAATA CATGGGACAT CTGCACATTC AGATAATTAG ACACTGGATA CACACTAAGA ACACACTAAGA ACACACTACACA AATTCTGGCA GACTATAAAA	ACTGTTGGTG CGATTCCTCA ATTACTGGGT GCACACGTAT CAACCCATAT TATACACCAT TTTGTAGGGA ACAGGAACAG GAACAATGAG CTGTCGGGGG CCTAATGTAA GTATACCTAT TGCACACGTA AAGACAAGCT AAGGACAGCT AAGGACTGTT AAATCTAACA CACCAAAGAA CATCATACAT CTTGTTAGAA AGGATGTGGA TGGTACAGCC
229451 229501 229551 229601 229651 229701 229751 229851 229801 229951 230001 230051 230101 230201 230251 230301 230301 230351 230301 230451	GGAGTATAAA AGGACCTAGA ATATACCCAA GTTTATTGCA GCCCATCAAT GAAATACTAT CATGGTTGAA AAAACCAAAC AACACATGGA ATGGGGGTGG ATGATGGGCT GTAACAAACC TCCCAGAACT ACAGGCTGGG ATCCAAAATA ACTGGATTTA GATATCCACA CAAAAGAAA TGGTCAAAAT GCATCAAGAA ACTTTGGAAGA	TTAGTTCAAC AACAGAAAGA ATGATTATGA GCACTATTCA GATAGACTGA GCAGCCATAA ACTGGAAACC ACCTCACATT CACAGGGGAGG GAAGGGGAGG GATGGGTGCA TGCACACCTA TAAAGTATAA GGAGAATATT CACAAAGAGC AAATGGGTG TATCAAATAA ATGCAAATAA CCAGAACACC ACTTCATTCA ACAGTTGGAT	AGAAATAGGA CATTIGTIGGAA CCATTIGTIGACC ATCATTICTAT CAATAGTAAA AATAAAGAAA AATAAAGAAA AATCATTICCAA CTCATTICATA GGAACATAAC GGATAACATT GCAAACCCAC TIGTAACAAAC CTGATATIGAAA AAACGAGACA CACACACCA CTGCTGGTTGG AGTTTAAAAA	ACGCTTTTAC GACAGTGTGG TAGCAATTCC AAAGACACAT AACTTGGAAC ATGTGGCACA GTTCATGTCC GCAAACTAAC AGTGGGAGTT ACACTGGGGC AGGAGAATTAC AGGAGAATTAC AGGAGAATTAC AGATAATTAG ACATCTGGATA CAACAATTAG ACACACTCTGATA CAACAATTAG ACACACACT AGATAATCTA TCACTACACA AATTCTGGCA GACTATAAAA ACTAAACACT	ACTGTTGGTG CGATTCCTCA ATTACTGGGT GCACACGTAT CAACCCATAT TATACACCAT TTTGTAGGGA ACAGGAACAG GAACAATGAG CTGTCGGGGG CCTAATGTAA GTATACCCTAT TGCACACGTA AAGACAAGCT AAGGACTGTT AAATCTAACA CACCAAAGAA CATTATACAT CTTGTTAGAA AGGATGTTGAA TGTTAGAA TGTTAGAA TGGTACAGCC CTTACCACAT
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229451 229501 229551 229601 229651 229701 229751 229801 229851 230001 230051 230101 230201 230201 230251 230301 230451 230401 230451 230501 230601 230651 230601 230751 230801 230851	GGAGTATAAA AGGACCTAGA ATATACCCAA GTTTATTGCA GCCCATCAAT GAAATACTAT CATGGTTGAA AAAACCAAAC AACACATGGA ATGGGGGTGG ATGATGGGCT GTAACAAACC TCCCAGAACT ACAGGCTGGG ATCCACAAATA ACTGGATTTA ACTGGATTTA GCATCAACAG TGCACACAGA TGGTCAACAG TCCACACAGA CCACACAGA TCCACACAGA TCCACACAG TCCACACAGA TCCACACAGA TCCACACAGA TCCACACAG TCCACACAGA TCCACACACACAC	TTAGTTCAAC AACAGAAAGA ATGATTATGA GCACTATTCA GCACCTGACTAA ACTGGAAACC ACCTCACATT CACAGGGAGG GAAGGGGAG GAAGGGGAG GAAGGGGAG GAAGGGGAG TACAACTAA TAAAGTATAA CCAGAACACT CTTTCATTCA ACAGTGGAT TTGGGCTCCT AACCTGCATA GAAGCAAGGG ACTTGGAT TTGGGCAACTT CTTGATTACT ATATCTTCATTCC TTGGGCAATTG	AGAAATAGGA CATTIGTIGGAA CCATTIGTIGGAA CCATTIGTIGGAA CCATTIGTIGACC ATCATTICTAT CAATAGTAAA AATAAAGAAA AAAGAATGA ATCATTICCCA CTCATTICATA GGACATAAC GGATAACATT GCAAACCCAC TIGTAACAAAC TAATAAGCAA TIGCAAATT AAAGACCTTA ACAGACCTTA GCATATGAAA AAACGAGACA CTIGCTIGGTIGG AGTITTAAAAA TIGGTACTTAC CAATIGTTAT AATAGCTIGACA ACTIGAGATT TAAGTIGGCAT TAAGTIGGCAT TAAGTIGGCAT CATTIGTICATTIC AGTICATICC AGTICATICC AGTICATICC CATTIGTICATTIC AGTICATICC	ACGCTTTTAC GACAGTGTGG TAGCAATTCC AAAGACACAT AACTTGGAAC ATGTGGCACA GTTCATGTGCC CGCAAACTAAC AGTGGGAGTT ACACTGGGGC AGGAGAAATA CATGGGACAT CTGCACATTC AGATAATTAG ACATCTGATA CAACAATAAG ACACACTACACA AATTCTGGCA GACTATAAAA ACTAAACACT CAAAAGGAGT AGGAGCTTTA TCTGATGGAT CTTGATGGAT CTTGATGGAT CAAAAGGAGT AGGAGCTTTA TCTGATGGAT CTTTAACAC GCAGTGTCTT ACATGTATTTT TAGCTTCCTC	ACTGTTGGTG CGATTCCTCA ATTACTGGGT GCACACGTAT CAACCCATAT TATACACCAT TTTGTAGGGA ACAGGAACAG GAACAATGAG CTGTCGGGGG CCTAATGTAA GTATACCTAT TGCACACGTA AAGACAAGCT AAGGACTGAT AAAGCAAGCA CACCAAAGAA CATTATACAT CTTGTTAGAA AGGATGTGGA TGGTACAGCC CTTACCACAT TGAAAACATG TTCATAATTG AAAATAATAA GGTTATAATAA GGATGTTAT AAATTCTTCC TTTTAGGTGG TATATCATA TATTTCTCC TTTTAGGTGG
229451 229501 229551 229601 229651 229701 229751 229851 229801 229951 230001 230051 230201 230251 230301 230351 230401 230451 230501 230551 230601 230651 230701 230701 230701 230701 230701 230701 230701 230701 230701 230701 230701 230701	GGAGTATAAA AGGACCTAGA ATATACCCAA GTTTATTGCA GCCCATCAAT GAATACTAT CATGGTTGAA AAAACCAAAC AACACATGGA ATGGGGGTGG ATGATGGGCT GTAACAAACC TCCCAGAACT ACAGGCTGGG ATCCAAAATA ACTGGATTTA GATATCCACA CAAAAGAGAA TGGTCAACAT GCATCAACAG TCCACACAAA CCAAAAGTTG ATAGAAGAGA GCTAACATT GTTAAATTAT GATTTTCCT ATTATCTCCA AAACTTGACA AAACTTGACA	TTAGTTCAAC AACAGAAAGA ATGATTATGA GCACTATTCA GATAGACTGA GCAGCCATAA ACTGGAAACC ACCTCACATT CACAGGGAGG GAAGGGGAG GATGGTGCA TGCACACTTA TAAAGTATAA GGAGAATATT CACAAGAGC AAATGGATCA TATCAATAA ATGCAAATAA ATGCAAATAC CTTTCATTCA ACAGTTGGAT ATGCGCTCCT AACCTGCATA GAAGCAAGGG AATTGAATACT ATATCTTCCC CTTGATTACT TTGGGCAATTG GGCCTAGAAT	AGAAATAGGA CATTIGTIGAAA CCATTIGTIGAAA CCATTIGTIGACA ATCATTICTAT CAATAGTAAA AATAAAGAAA AAAGAATGA ATCATTICCAA CTCATTICATA GGACATAACATT GCAAACCCAC TGTAACAAAC TGAAACACAC TGTAACAAAC TTTIGAAATT AAAGACCTTA GCAAACGAC TTTIGAAATT AAAGACCTTA GCAAACGAC CTGCTGGTGG AGTTTAAAAA TGGTACTTAC CAATGTTTAT ATAGCTGACA ACTGAGATTT TAAGTGGCAT AATAACAACC TTTIGTAATT CAGTCATGTCC GTCCACAGTG GTCCACAGTG CATTIGTCCTC GTCCACAGTG CATTIGTCC GTCCACAGTG CATTIGTCC GTCCACAGTG CATTIGTCC CTCCACAGTG CATTIGTCC CTCCACAGTG CATTIGTCC CTCCACAGTG CATTIGTCC CTCCACAGTG CATTIGTCC CTCCACAGTG CATTIGTCC CTCCACAGTG CATTIGTCATTCC CTCCACAGTG CTCCACAGTG CATTIGTCC CTCCACAGTG CATTIGTCC CTCCACAGTG CATTIGTCC CTCCACAGTG CTCCACAGTG CATTIGTCC CTCCACAGTG CTCCACAGTG CATTIGTCC CTCCACAGTG CTCC	ACGCTTTTAC GACAGTGTGG TAGCAATTCC AAAGACACAT AACTTGGAAC ATGTGGCACA GTTCATGTGCC AGAGCACTAAC AGTGGGAGTT ACACTGGGGC AGGAGAAATTAC ACGACACTTC AGATAATTAG ACATCTGATA CACAGCACCT AGATAATCTA ACATCTGGCA GACTATAAAA ACTAAACACT CAAAAGGAGT AGGAGCTTTA TCTGATGGAT CTTAACAGC GCAGTGTCTT ACATGTTCT AGATATTCT AGATATTTCT ACATGTTCTT CGCTCACCTAT	ACTGTTGGTG CGATTCCTCA ATTACTGGGT GCACACGTAT CAACCCATAT TATACACCAT TTTGTAGGGA ACAGGAACAG GAACAATGAG CTGTCGGGGG CCTAATGTAA GTATACCTAT TGCACACGTA AAGACAAGCT AAGGACTGTT AAATCTAACA CACCAAAGAA CATTATACAT CTTGTTAGAA ACGTTGTAGAA ACGTTGTAGAA ACGTTGTAGAA CATTATACAT CTTGTTAGAA ACGTTGTAGAA ACGTTGTAGAA ACGTTGTAGAA ACGTTATACAT TGAAAACATG TTCATAATTG AAAATCATAA GGTTATAATTA GATTATCATA TAATTCTTCC TTTTAGGTTGG ATGTTCTGGCT
229451 229501 229551 229601 229651 229701 229751 229851 229801 229951 230001 230051 230201 230251 230301 230351 230401 230451 230501 230551 230601 230651 230701 230701 230701 230701 230701 230701 230701 230701 230701 230701 230701 230701	GGAGTATAAA AGGACCTAGA ATATACCCAA GTTTATTGCA GCCCATCAAT GAATACTAT CATGGTTGAA AAAACCAAAC AACACATGGA ATGGGGGTGG ATGATGGGCT GTAACAAACC TCCCAGAACT ACAGGCTGGG ATCCAAAATA ACTGGATTTA GATATCCACA CAAAAGAGAA TGGTCAACAT GCATCAACAG TCCACACAAA CCAAAAGTTG ATAGAAGAGA GCTAACATT GTTAAATTAT GATTTTCCT ATTATCTCCA AAACTTGACA AAACTTGACA	TTAGTTCAAC AACAGAAAGA ATGATTATGA GCACTATTCA GCACCTGACTAA ACTGGAAACC ACCTCACATT CACAGGGAGG GAAGGGGAG GAAGGGGAG GAAGGGGAG GAAGGGGAG TACAACTAA TAAAGTATAA CCAGAACACT CTTTCATTCA ACAGTGGAT TTGGGCTCCT AACCTGCATA GAAGCAAGGG ACTTGGAT TTGGGCAACTT CTTGATTACT ATATCTTCATTCC TTGGGCAATTG	AGAAATAGGA CATTIGTIGAAA CCATTIGTIGAAA CCATTIGTIGACA ATCATTICTAT CAATAGTAAA AATAAAGAAA AAAGAATGA ATCATTICCAA CTCATTICATA GGACATAACATT GCAAACCCAC TGTAACAAAC TGAAACACAC TGTAACAAAC TTTIGAAATT AAAGACCTTA GCAAACGAC TTTIGAAATT AAAGACCTTA GCAAACGAC CTGCTGGTGG AGTTTAAAAA TGGTACTTAC CAATGTTTAT ATAGCTGACA ACTGAGATTT TAAGTGGCAT AATAACAACC TTTIGTAATT CAGTCATGTCC GTCCACAGTG GTCCACAGTG CATTIGTCCTC GTCCACAGTG CATTIGTCC GTCCACAGTG CATTIGTCC GTCCACAGTG CATTIGTCC CTCCACAGTG CATTIGTCC CTCCACAGTG CATTIGTCC CTCCACAGTG CATTIGTCC CTCCACAGTG CATTIGTCC CTCCACAGTG CATTIGTCC CTCCACAGTG CATTIGTCATTCC CTCCACAGTG CTCCACAGTG CATTIGTCC CTCCACAGTG CATTIGTCC CTCCACAGTG CATTIGTCC CTCCACAGTG CTCCACAGTG CATTIGTCC CTCCACAGTG CTCCACAGTG CATTIGTCC CTCCACAGTG CTCC	ACGCTTTTAC GACAGTGTGG TAGCAATTCC AAAGACACAT AACTTGGAAC ATGTGGCACA GTTCATGTGCC AGAGCACTAAC AGTGGGAGTT ACACTGGGGC AGGAGAAATTAC ACGACACTTC AGATAATTAG ACATCTGATA CACAGCACCT AGATAATCTA ACATCTGGCA GACTATAAAA ACTAAACACT CAAAAGGAGT AGGAGCTTTA TCTGATGGAT CTTAACAGC GCAGTGTCTT ACATGTTCT AGATATTCT AGATATTTCT ACATGTTCTT CGCTCACCTAT	ACTGTTGGTG CGATTCCTCA ATTACTGGGT GCACACGTAT CAACCCATAT TATACACCAT TTTGTAGGGA ACAGGAACAG GAACAATGAG CTGTCGGGGG CCTAATGTAA GTATACCTAT TGCACACGTA AAGACAAGCT AAGGACTGTT AAATCTAACA CACCAAAGAA CATTATACAT CTTGTTAGAA ACGTTGTAGAA ACGTTGTAGAA ACGTTGTAGAA CATTATACAT CTTGTTAGAA ACGTTGTAGAA ACGTTGTAGAA ACGTTGTAGAA ACGTTATACAT TGAAAACATG TTCATAATTG AAAATCATAA GGTTATAATTA GATTATCATA TAATTCTTCC TTTTAGGTTGG ATGTTCTGGCT

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231001	CTACAGCATG	GGCTTCTCAC	AGCATGGCAG	CCGAGTTCCA	AGGCAGAACA
231051	TITCAAGCCT	TCGAAACGAA	<b>AAGCTGCAGA</b>	TCCCTGAAGG	CTCACTCTGA
231101	111040001	TOTAL TEXT	CCAATTOO	TCCC10+CC	TTTCATACAC
			CCAATTCTCT		
231151	CATCTCACAG	GGCTAGCCCA	<b>AATTTCATGT</b>	AGATTCAACC	TCTTGATGGG
			ACCCATTTTT		
231251	AGTTCCAGGG	GACATGIGCA	<b>GGATGTGCAG</b>	ATTIGITAÇA	TAGGIAAACG
231301	TGTTTGCACC	CGTCTTTAAC	<b>CCACTACAGA</b>	ΤΑΤΤΑΤΓΑΤΑ	GITTCCTGTG
231361	TOTTOTAL	TACTOTAAAA	TTATATTAT	AACCCTTAAC	TOCTION
<b>537327</b>	HGHAHA	IACIGIAAAA	TTATATTTAT	AAGGGI IAAC	IGCCITTIII
231401	ACTIGIAATA	ACATGAACAT	AAAAAATACC	AATGCAACAT	GTAAAGGTAG
221451	CTCCAAAAAT	TACTAACCAC	AAAGAAAATC	AACCAAAATA	ACCACAATAA
231501	AACCACAGTA	GGGCATATCC	TAATGAAACT	GIIGAAAACC	AGIGATAAAA
231551	ΔGΔΔΔΔCTTT	AAAAGCAGTC	AAATGGAAAA	ΑΓΑΛΑΛΑΛΑΓΑ	AACCCACACA
			GTAATAATTG		
231651	ACAGTGCAAA	CCAGGAGGCA	GTGGAATGCT	GTCTTTAGAG	TTCTTAAAGA
			TCCCTTTCAA		
231/01	AMMICIGIT	MICIAGAI	TOCCITION	COMMINI	COCHIANCAI
231/51	ATGAAAGTGT	AGTAAAGACA	TITGICITIC	AAAGACIIII	GAAAGACAAA
231801	ATTATCGGAC	ΑΔΑΤΤΔΔΑΚΤ	TGTGAGAATT	TCTTGTTAGC	CAACTTGAAC
			CAAGITCITG		
231901	AGATGGGAAC	CTGAATCCAT	TCACTAGATG	GAAGCTTGAA	AGAAATGGAG
231051	CACACCCTTA	CACAATICTICA	<b>AGATTTGAAT</b>	ΔΔΔΔΔΤΔΔΟΘ	CACCTTTTT
			TTTAAAGATA		
232051	ACCGATATTA	TAGAGTTCTG	TAATATTCAT	CAAAGTATAT	ACATGACAAT
232101	ATTECCACAC	ATTENCANCAC	AAAGGAAAAT	CCAAACATAT	CCTTATAACC
232151	TCTTAAAGTG	ATAAAATAAT	ATTTGTAGAC	AGGTCAACAG	ITTAAAGTAG
232201	CAGAGTACAG	CATCTAGCTC	CCAAGACAAT	TGACTGCACA	<b>TCTAAGGTGA</b>
222201	T4CTCCCCT4	TACACCCTAC	CAAAACTCTA	TCATAACTCT	CCATACTCAC
			CAAAAGTGTA		
232301	ATTTTAAGAG	TAAAAACTGT	CTGAATTTAA	GGATTAAAAA	CTAAAAAAAT
			<b>AACAGTGAAT</b>		
			CCACAGCACT		
232451	TTTCCAAAAG	GAGATCATTG	<b>ATATCAACTC</b>	TATAAGGAAG	GTTATGGGAT
			TTAAGAGAAA		
232551	ACATATATAT	AAGAAATTTA	ACAAATGTAA	CACGTATTGT	TAAAGAAATT
232601	TAAAACCTCA	AACTTACTTA	CTTTGGAGAC	CTCAGTAAAG	CTCACCAACC
			CAAACATTAG		
232701	ACATTTTTT	CTGTCCACTT	CTGCCCCTGC	CTGCTTCCCCT	CTTTCCCTCT
222751	TITCTTCCT	CCCTCTCTCC	CCCTCCTCCT	TATTOTOTO	TICATOTIC
<b>732/31</b>	HICHAGO	CCCICICIOC	aciaciaci	IAHGHCIC	TIGATCIGIG
232801	AACATTCTCT	TGAATGTTTC	TTTCCTGTTG	AGTATCTATC	CCTATTTCTG
232851	TITATTICIT	TGTTTATTTA	TTTAGACACA	CACTCTCACT	CTCCCCACG
23290T	CTGGAGTACA	GIGGCAIGAI	CATGGCTCAC	IGCAGCCICG	AACICCIGGG
232951	TTCAAGCAGT	TCTCTCACTT	CAGCCTCCCG	AGTAGCGTGG	ACTACAGGTG
			<b>AGTITIATAT</b>		
233051	GCCATGITGT	CCAGGCTGGT	CTTGAATGCC	TGAGCTCAAG	CCTTCCTCCC
			TACAAGCATA		
			TTCTCCTTTC		
233201	CIGICITCIT	TTCCTCCACA	TTCCTTCTTG	CTAGTCAAAA	TAGTGAACAG
			<b>GCAATTGGCC</b>		
22222	A011A0A111	TIASIAIA	T47554	AAATATTEE	CCTCCCCCAA
			TATGAATTGA		
233351	CAAAAATTAA	CAATACAGCA	TTTTCAAAAT	TTAAATTGTT	AAAAAAATAG
					<b>AGTAATCTAG</b>
233401	MIMACIAIC	IGIAGCATTI	ACATIGIATI	ASSIAI IAIA	ASIANICIAS
					ATCAAGTAGA
233501	TACCATTITA	TATAAGAGAC	TTGAACATCC	TCAGATTTTG	<b>GTATCTGCAG</b>
222551	CACCTCCTCC	AACCAATICCC	TCATCAATAC	CACACAATAG	TATTTTATTT
233601	TITGAGCAAC	TAMATGTTG	ITHICIGIT	AGITTTAAAG	CATAGTTTGA
233651	TTTGTTTA	ΔΑζΑΔΑΔΑΤΤ	CATCTTRGTA	CCTGTATTAG	TCCGTTCTTG
222274	CACTICATION	AACAAATCCC	TAAAATTCCC	TAATTTATAA	GAAAAGAGAT
233751	TGAATTGGCT	CATGGTTCTG	CAGGCTGTAC	AGGAAGCATG	GCAGCTTCTA
73300T		CCCCTCACCC	ACCTITION		CCCACACTOC
233851	CCTCTGAGGA	GGCCTCAGGG	AGCTTTTACT	TACGGTAGAA	GGCAGAGTGG
	<b>GAACAGATAT</b>	TATAAATGTT	<b>AAACTCGTGT</b>	TACGGTAGAA ATGTAATTTA	AAGGGACTAA
233901	<b>GAACAGATAT</b>	TATAAATGTT	<b>AAACTCGTGT</b>	TACGGTAGAA ATGTAATTTA	AAGGGACTAA
233901	GAACAGATAT CACCCAGGAT	TATAAATGTT ATGGCTAGAC	AAACTCGTGT CTTAAGTTAG	TACGGTAGAA ATGTAATTTA GACTCTCAGC	AAGGGACTAA TACATGGCTG
233901 233951	GAACAGATAT CACCCAGGAT TGTTTAGTTT	TATAAATGTT ATGGCTAGAC GCAAGTTTAT	AAACTCGTGT CTTAAGTTAG CTCTTCATCA	TACGGTAGAA ATGTAATTTA GACTCTCAGC TAGTTCCTTC	AAGGGACTAA TACATGGCTG AAGTATGCTT
233901 233951	GAACAGATAT CACCCAGGAT TGTTTAGTTT	TATAAATGTT ATGGCTAGAC GCAAGTTTAT	AAACTCGTGT CTTAAGTTAG CTCTTCATCA	TACGGTAGAA ATGTAATTTA GACTCTCAGC TAGTTCCTTC	AAGGGACTAA TACATGGCTG
233901 233951 234001	GAACAGATAT CACCCAGGAT TGTTTAGTTT GTCATTTCTG	TATAAATGTT ATGGCTAGAC GCAAGTTTAT TTTTGAACAG	AAACTCGTGT CTTAAGTTAG CTCTTCATCA AAAAAAAAA	TACGGTAGAA ATGTAATTTA GACTCTCAGC TAGTTCCTTC TGGAGCAAAA	AAGGGACTAA TACATGGCTG AAGTATGCTT TCTTGAAGTT
233901 233951 234001 234051	GAACAGATAT CACCCAGGAT TGTTTAGTTT GTCATTTCTG GTAATATAGA	TATAAATGTT ATGGCTAGAC GCAAGTTTAT TTTTGAACAG AGTTTGAACCC	AAACTCGTGT CTTAAGTTAG CTCTTCATCA AAAAAAAAAA	TACGGTAGAA ATGTAATTTA GACTCTCAGC TAGTTCCTTC TGGAGCAAAA TACTGAAACA	AAGGGACTAA TACATGGCTG AAGTATGCTT TCTTGAAGTT AACATGTTAA
233901 233951 234001 234051 234101	GAACAGATAT CACCCAGGAT TGTTTAGTTT GTCATTTCTG GTAATATAGA AAGATGGGGT	TATAAATGTT ATGGCTAGAC GCAAGTTTAT TTTTGAACAG AGTTTGAACC CTAGGCTTCA	AAACTCGTGT CTTAAGTTAG CTCTTCATCA AAAAAAAAAA	TACGGTAGAA ATGTAATTTA GACTCTCAGC TAGTTCCTTC TGGAGCAAAA TACTGAAACA GTAACCCTTC	AAGGGACTAA TACATGGCTG AAGTATGCTT TCTTGAAGTT AACATGTTAA AAGGGCCTAT
233901 233951 234001 234051 234101	GAACAGATAT CACCCAGGAT TGTTTAGTTT GTCATTTCTG GTAATATAGA AAGATGGGGT	TATAAATGTT ATGGCTAGAC GCAAGTTTAT TTTTGAACAG AGTTTGAACC CTAGGCTTCA	AAACTCGTGT CTTAAGTTAG CTCTTCATCA AAAAAAAAAA	TACGGTAGAA ATGTAATTTA GACTCTCAGC TAGTTCCTTC TGGAGCAAAA TACTGAAACA GTAACCCTTC	AAGGGACTAA TACATGGCTG AAGTATGCTT TCTTGAAGTT AACATGTTAA AAGGGCCTAT
233901 233951 234001 234051 234101 234151	GAACAGATAT CACCCAGGAT TIGTTTAGTTT GTCATTTCTG GTAATATAGA AAGATIGGGGT TCTCTATIGCT	TATAAATGTT ATGGCTAGAC GCAAGTTTAT TTTTGAACAG AGTTTGAACC CTAGGCTTCA GTAGCTTTTC	AAACTOGTGT CTTAAGTTAG CTCTTCATCA AAAAAAAAAA AGGGGTAGAA CATTACGTAC AATTAATGTC	TACGGTAGAA ATGTAATTTA GACTCTCAGC TAGTTCCTTC TGGAGCAAAA TACTGAAACA GTAACCCTTC AATAATAGAA	AAGGGACTAA TACATGGCTG AAGTATGCTT TCTTGAAGTT AACATGTTAA AAGGGCCTAT TTCTTAGTAC
233901 233951 234001 234051 234101 234151 234201	GAACAGATAT CACCCAGGAT TIGTTTAGTTT GTCATTTCTG GTAATATAGA AAGATIGGGGT TCTCTATGCT AAAATTCCTA	TATAAATGTT ATGGCTAGAC GCAAGTTTAT TTTTGAACAG AGTTTGAACC CTAGGCTTCA GTAGCTTTTC GATACCTAGT	AAACTOGTGT CTTAAGTTAG CTCTTCATCA AAAAAAAAAA AGGGGTAGAA CATTACGTAC AATTAATGTC CACCATTTTT	TACGGTAGAA ATGTAATTTA GACTCTCAGC TAGTTCCTTC TGGAGCAAAA TACTGAAACA GTAACCCTTC AATAATAGAA AAACATTAGC	AAGGGACTAA TACATGGCTG AAGTATGCTT TCTTGAAGTT AACATGTTAA AAGGGCCTAT TTCTTAGTAC TTGTCAGGAA
233901 233951 234001 234051 234101 234151 234201 234251	GAACAGATAT CACCCAGGAT TGTTTAGTTT GTCATTTCTG GTAATATAGA AAGATGGGGT TCTCTATGCT AAAATTCCTA AATGTGCCAA	TATAAATGTT ATGGCTAGAC GCAAGTTTAT TTTTGAACAG AGTTTGAACC CTAGGCTTCA GTAGCTTTTC GATACCTAGT AAAGTTCCAA	AAACTOGTGT CTTAAGTTAG CTCTTCATCA AAAAAAAAAA AGGGGTAGAA CATTACGTAC AATTAATGTC CACCATTTTT AACATGAAAT	TACGGTAGAA ATGTAATTTA GACTCTCAGC TAGTTCCTTC TGGAGCAAAA TACTGAAACA GTAACCCTTC AATAATAGAA AAACATTAGC TACAAATAAA	AAGGGACTAA TACATGGCTG AAGTATGCTT TCTTGAAGTT AACATGTTAA AAGGGCCTAT TTCTTAGTAC TTGTCAGGAA AACTTAGAAA
233901 233951 234001 234051 234101 234151 234201 234251	GAACAGATAT CACCCAGGAT TGTTTAGTTT GTCATTTCTG GTAATATAGA AAGATGGGGT TCTCTATGCT AAAATTCCTA AATGTGCCAA	TATAAATGTT ATGGCTAGAC GCAAGTTTAT TTTTGAACAG AGTTTGAACC CTAGGCTTCA GTAGCTTTTC GATACCTAGT AAAGTTCCAA	AAACTOGTGT CTTAAGTTAG CTCTTCATCA AAAAAAAAAA AGGGGTAGAA CATTACGTAC AATTAATGTC CACCATTTTT AACATGAAAT	TACGGTAGAA ATGTAATTTA GACTCTCAGC TAGTTCCTTC TGGAGCAAAA TACTGAAACA GTAACCCTTC AATAATAGAA AAACATTAGC TACAAATAAA	AAGGGACTAA TACATGGCTG AAGTATGCTT TCTTGAAGTT AACATGTTAA AAGGGCCTAT TTCTTAGTAC TTGTCAGGAA AACTTAGAAA
233901 233951 234001 234051 234101 234151 234201 234251 234301	GAACAGATAT CACCCAGGAT TGTTTAGTTT GTCATTTCTG GTAATATAGA AAGATGGGGT TCTCTATGCT AAAATTCCTA AATGTGCCAA ATGATCCCTT	TATAAATGTT ATGGCTAGAC GCAAGTTTAT TTTTGAACAG AGTTTGAACC CTAGGCTTCA GTAGCTTTC GATACCTAGT AAAGTTCCAA TAGCAATTGG	AAACTCGTGT CTTAAGTTAG CTCTTCATCA AAAAAAAAAA	TACGGTAGAA ATGTAATTTA GACTCTCAGC TAGTTCCTTC TGGAGCAAAA TACTGAAACA GTAACCCTTC AATAATAGAA AAACATTAGC TACAAATAAA AGTACCTACT	AAGGGACTAA TACATGGCTG AAGTATGCTT TCTTGAAGTT AACATGTTAA AAGGGCCTAT TTCTTAGTAC TTGTCAGGAA AACTTAGAAA CAGATTGGAA
233901 233951 234001 234051 234101 234151 234201 234251 234301 234351	GAACAGATAT CACCCAGGAT TGTTTAGTTT GTCATTTCTG GTAATATAGA AAGATGGGGT TCTCTATGCT AAAATTCCTA AATGTGCCAA ATTAATCCCTT ACCCTCAACT	TATAAATGTT ATGGCTAGAC GCAAGTTTAT TTTTGAACAG AGTTTGAACC CTAGGCTTCA GTAGCTTTTC GATACCTAGT AAAGTTCCAA TAGCAATTGG TGGTCATGTT	AAACTCGTGT CTTAAGTTAG CTCTTCATCA AAAAAAAAAA	TACGGTAGAA ATGTAATTTA GACTCTCAGC TAGTTCCTTC TGGAGCAAAA TACTGAAACA TACTGAAACA GTAACCCTTC AATAATAGAA AAAACATTAGC TACAAATAAA AGTACCTACT AAGACAGCTG	AAGGGACTAA TACATGGCTG AAGTATGCTT TCTTGAAGTT AACATGTTAA AAGGGCCTAT TTCTTAGTAC TTGTCAGGAA AACTTAGAAA CAGATTGGAA GTATTGTTA
233901 233951 234001 234051 234101 234151 234201 234251 234301 234351 234401	GAACAGATAT CACCCAGGAT TGTTTAGTTT GICATTTCTG GTAATATAGA AAGATGGGGT TCTCTATGCT AAAATTCCTA AATGTGCCAA ATGATCCCTT ACCCTCCAACT CAACATATGT	TATAAATGTT ATGGCTAGAC GCAAGTTTAT TTTTGAACAG AGTTTGAACC CTAGGCTTCA GTAGCTTTTC GATACCTAGT AAAGTTCCAA TAGCCAATTGG TGGTCATGTT CTGAGTATTA	AAACTCGTGT CTTAAGTTAG CTCTTCATCA AAAAAAAAA AAGGGTAGAA CATTAACGTAC AATTAATGTC CACCATTTT AACATGAAAT GAACTGCCTC TTTTATCACC TTTTTAAGTT	TACGGTAGAA ATGTAATTTA GACTCTCAGC TAGTTCCTTC TGGAGCAAAA TACTGAAACA GTAACCCTTC AATAATAGAA AAACATTAGC TACAAATAAA AGTACCTACT AAGACAGCTG TCTAATTGCC	AAGGGACTAA TACATGGCTG AAGTATGCTT TCTTGAAGTT AACATGTTAA AAGGGCCTAT TTCTTAGTAA TTGTCAGGAA AACTTAGAAA CAGATTGGAA GTATTGTTTA AGTATCTCCA
233901 233951 234001 234051 234101 234151 234201 234251 234301 234351 234401	GAACAGATAT CACCCAGGAT TGTTTAGTTT GICATTTCTG GTAATATAGA AAGATGGGGT TCTCTATGCT AAAATTCCTA AATGTGCCAA ATGATCCCTT ACCCTCCAACT CAACATATGT	TATAAATGTT ATGGCTAGAC GCAAGTTTAT TTTTGAACAG AGTTTGAACC CTAGGCTTCA GTAGCTTTTC GATACCTAGT AAAGTTCCAA TAGCCAATTGG TGGTCATGTT CTGAGTATTA	AAACTCGTGT CTTAAGTTAG CTCTTCATCA AAAAAAAAA AAGGGTAGAA CATTAACGTAC AATTAATGTC CACCATTTT AACATGAAAT GAACTGCCTC TTTTATCACC TTTTTAAGTT	TACGGTAGAA ATGTAATTTA GACTCTCAGC TAGTTCCTTC TGGAGCAAAA TACTGAAACA GTAACCCTTC AATAATAGAA AAACATTAGC TACAAATAAA AGTACCTACT AAGACAGCTG TCTAATTGCC	AAGGGACTAA TACATGGCTG AAGTATGCTT TCTTGAAGTT AACATGTTAA AAGGGCCTAT TTCTTAGTAA TTGTCAGGAA AACTTAGAAA CAGATTGGAA GTATTGTTTA AGTATCTCCA
233901 233951 234001 234051 234101 234151 234201 234251 234301 234351 234401	GAACAGATAT CACCCAGGAT TGTTTAGTTT GICATTTCTG GTAATATAGA AAGATGGGGT TCTCTATGCT AAAATTCCTA AATGTGCCAA ATGATCCCTT ACCCTCCAACT CAACATATGT	TATAAATGTT ATGGCTAGAC GCAAGTTTAT TTTTGAACAG AGTTTGAACC CTAGGCTTCA GTAGCTTTTC GATACCTAGT AAAGTTCCAA TAGCCAATTGG TGGTCATGTT CTGAGTATTA	AAACTCGTGT CTTAAGTTAG CTCTTCATCA AAAAAAAAA AAGGGTAGAA CATTAACGTAC AATTAATGTC CACCATTTT AACATGAAAT GAACTGCCTC TTTTATCACC TTTTTAAGTT	TACGGTAGAA ATGTAATTTA GACTCTCAGC TAGTTCCTTC TGGAGCAAAA TACTGAAACA GTAACCCTTC AATAATAGAA AAACATTAGC TACAAATAAA AGTACCTACT AAGACAGCTG TCTAATTGCC	AAGGGACTAA TACATGGCTG AAGTATGCTT TCTTGAAGTT AACATGTTAA AAGGGCCTAT TTCTTAGTAC TTGTCAGGAA AACTTAGAAA CAGATTGGAA GTATTGTTA

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234501 AGGCTTTATG TTCTCTAAGA TAGTTAAGAA GATTAAAAAA AAAAAAAAG 234551 AAAAAAAAAA AAACTOCTGT TCTTAATGAT CCCATGCTGA TAGTTTTTTT 234601 TTGGATAAAG TGTAGGCTGC TGTTCATAGA GATGCCAAGT ACATATGAAA 234651 GGAGGGACTC ATATGGAAGG TGAACTTATT ACCAGAAATC CTAACCTGCA 234701 GGTAGGGTTT CTTTCTTCCT CAAAATAAAA ATTAACCCAT GGGGTGAGAC 234751 GCAAATTTGG CAACAACACT GAATGATCTC TCTACAAGCT TTTTTTTTC 234801 TTTTTGAGA CAGAGTCTTG CTCTGTTGCT CAGGCTGGAG TGCAGTGGTG 234851 CAATCTTGGC TCACTGCAAC CTCCACCTCC CAGGTTCAAG CAATTCTCCT 234901 GTCTCAGCCT CCCGAGTAGC TGGGATTACA GGTGCCTGCC ACCACGCCCA 234951 GCTAATTTTT GTATTTTTT TTTTTAAGTA GAGACAGGGT TTCACCATGT 235001 TGGCCAAGCT GGTCTTGAAC TCTCAACCTC AAGTGATCCA CCCACCTTGG 235051 CCTCCCGAAG TGCTGGGATT ACTGGTGTGA GCCACCGCAC CCAGCCTCTA
235101 CAAGCTTTTA TTCATCATAA CCATACACAT TTATTGTTGC ATACCATAAG
235151 AAGCGTAAAG CTTTAAAAGC CTTTTCTGGA CTAGGCCACC TCTACCCCCT 235201 ACTITIGIATG GITTACATTG GITTCTATGT GAATCATTTG ATTATTGCAT 235251 TCATGTTTTA TCTCCCAAAT ACTGCTAGCT CCCTTAGGAT GAGGTTATTG 235301 TTTTATATAA AAGATCCCTT TCAAAAAAGT AGTCTCAAAA AAAGATTGTA 235351 ACTICTIGATT TACATAGCAA AGTATTAATT AACAGCATCT TCCAAGATCA 235401 GACGAGATTG AGCGTGTTCG GGGTGGTATG GCAGTAGACA AGTAACAGCA 235451 TCTTAATTAG TTCACGTAAA ACAAATCTCT AGCCACATTC ACTCCAACTT 235501 TCAATATCAC AAAATGTGTG GTATTTCCTA AAAACATAGC TTTCTATGTC 235551 ATCATCAAGT GAAAGTAAAT ACCTCCCCCC TCTATAAAAG AACAAAACCT 235601 ATTCAACTTA AATAATGAAA TATGTTATTG TTAAAAGAAT CCTAGAGTCA 235651 CAGAAACTGG ATACTGAAAA GGAAGTTTGA ACTAAGTCGA TAGCATTGGG 235701 AGTGGGTGTA AAGAGTGGCT AGGAATGACA TCTTCCTTGT TCCCCATACG 235751 CACATATACC ACTICTATTITI GCCAGATACA CCAGGCAGCT TITTICAAATA 235801 CACACACACA CACCCACCTT TACACCTTAA CCTCTCACTG TGGCATTACT 235851 AGGGTAGTGA GCCTCTGTGA ATGATGAAAG TGAGTAGTGT CTTTGGTGTG 235901 TTGAGCCAAA AAATAGATTG AAATCACTGA CAATACCAAT CCTCATTTGA 235951 CACATATGAC CATTACAGCT TTGAGAAGAT AAAATGACTT GTTCCAAATT 236001 ACTITIGGCA GAGAAAATAA CCTGAATCIC AGGTCAAGIT GTGCTCTATT 236051 TCTTTTGTAC ATTTAAAAGT GTGGGGATCC TCTTGGAATT AGCCTGTGAA 236101 ATGTATTTGC ATTGAAAGGT CAATCTCAGG AATTTCAGAG CAAACGTTTT 236151 GTTTGTATGT ATGGGTGAAA GGACACTTAC AGTTTTAGTA TCAATGCAAT 236201 TIGATATAAA CTCATTAGAA AGTCTAAGTT TACTAAGCTA TGTATTAATT 236251 TAAATAGGTA TAACAATAGT AGAGATGAAT AAAACATCAC TTCAGTATTT 236301 CATCTCTCTT CATCTTGACA AGTGAAGTTC AGGTGTGGTA ATATCTATTA 236351 TGTAGGGGCT CCCCAAAGAA CTTCGGGTCA AGAAATACAG AGTACATAGG 236401 CAGTATATAA ACATACTTAT TATTGCATCT AGTCTATGGA AAAAAAATAC 236451 AGAAAGAACA TTTGAGCACA ATAAATCTCC CCTAAAGAGA GTTATTACTT 236501 GCTGCAACCT GTCTGCAGCA GTCAGAGGAA GGAAGTCAGC AAGAAAGGGA 236551 AAGAATGCCA GGTTGCAAAT ACCAAACGGT CCCATCATTT GCAATTCAAG 236601 ACTAAGAGCA GATTCCTAAA ACTCAAAGTT CAAATTCAGC TGCTAAAATT 236651 ACAATGGTCT CCTAGATTTT AGAATCAATT TTTCTACCAG TAAAGGTGAT 236701 CTTAATCTAA AATATTAATA GCGAAAACCA CAGAGGATAT GTGGTAAAAG 236751 AGACTICAGA AATTATIGTCT AACCTTCTTA TTTTCAGATIG AGGTTAACAT 236801 ggattagaga gtgittattt gactcctagt ccagtgttct gtccattaca 236851 TTTTGTTAGG AAGAATTATA ATTCTAACAA ATTACTTCCA AATGCCAGGT 236901 AAATCAGGCC CGATTAAAAG TATGTCTTTT ATAGCTGTTA AATGGTTCTG 236951 AAAAACTAAT TCTGAAGGAT TTATAGATAA TTTATTATTT CGTTTTCTTT 237001 TGTAAAAGTT TTGGCAAGTT TTTAATCTGA TATTATGATG CTTTTGGAAG 237051 CTAACAGATG TTGCTCTGAA AGTCATATTT CTCACTTAAT TACAGTTTTA 237101 ATAAAGCAGC CTGGGTAATG TTAGTTGGGG GAGTATTTAG GACACATAGG 237151 AGCCAAGTCA GATAGAAGTC ATAGAAGTGT TGCAGTCAAG AGGCGTTTGA 237201 ttataaggtg catcattact ttgtagacta ctaagaaaga aaatgcagcc 237251 AATTAAACTA TGATATGCAT TGTCTCTGAT TTCTGCATTT AAAAAATGAA 237301 GAAATATIGTT TOCTATAGTC ATTIGAAATAT AGTAAGTOGT TOGTTAGGAA 237351 AGGTAAGGAC CTTTCTAAAG OGGAAGAAGC AGAGTAGAGG TGAGAGTIGCA 237401 TAGCATGTAG AGCCTGGGTT ACAGGCTCCT CTGGGAAGCA GTGGGATATT 237451 AACTGGAAGG CTGCAGGACC TAGGACCGGG AGGTGCAGGA AGTGAGGACA 237501 GTGCCCAGAC CTAAGCCAAT TGTCCTGAGT CTCCTGGTTC CATTTAGTTA
237551 GTGAACAGGA TAATGTATCA GAATCAATCT TAACAATTTA AGTGGGAGAG 237601 CAGCATTCAA AATCTTGAGA CTCTCCTAGA ATTTAGAAGA GAAATGAAGT 237651 GATTAAATGC CAGCCAAAAG CATTTCAGCT TTATTTTTTA GGCAACAGTG 237701. GGCCTCTGAA AAGCAATGAA ATAAACAAGT TTTTAGAATA TGAATCTAAC 237751 ATGGGTGTGA ATAATTATGG TCTGCCAAAA ATCTTGTCTT TTTGTTGTTG 237801 TIGHTGH TGHTGHCAG AGACTOCHTC TAGAGTAACA ATAHTGGIGH 237851 GATGACTAGC CTHTTHCHT TCTATHTAC CAAGHTGIGC TACHTCHCIG 237901 AGAAAAATCC AAGTTTTACA CTTAATAGTA AAGAAGCCAG TGGTTATTTA 237951 TATGAGATTT TTACCCACCC TAACCTTAGA CTCAGTGCCA CAACACAGCA

## FIGURE 3PPP

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238001 TGCTAAATTA GGTTACATCC TTAAAAAATA ATAATAATAA TTCACTTGGG
238051 GTGGAGTACA GACCTGCCCG TAGCCATCAG TTTTACTGCA GGCAAAATAA
238101 AGACACACCT CTTCCTGAAA ACACAGACAA CACAAATTAC TGTGGCCAGC
238151 TTCTTATATT ATAATTITTA CATCAGCTCA TCCCTAACTG CTAATCACCT
238201 AATACTACAA TIGTAAACACT GCCCCTTCCA AAGACCAGGC TTCCTTTGGT
238251 GGTATTCTGT GATAACCTGT CATTCTGTAG TATCCTTGAC ATGTCTCCCT
238301 CITACAAGAT TCTCTCATCT CTGCCTGTGT TTTATCACCT CTGTCCTATC
238351 ACTGTGAACA AGAAAATGCC TTCCTATTTG TCCCTTGCTA AATTCCTACT
238401 CATCITITAA GAATCAGACC TTCCGACCAC CTCCAGCAGG AGTTTGGGCT
238451 TCTATGCATA GAGCAGTTAC CTCTTTCTTT TTCTTTTGTT TTTTTTAAAT
238501 ACAAGTAGTA TCCCCTTATC TGCAGCGGAT ACATTCCAAG ACCCCCAGTG
238551 GATGTCTGAA ACCATGGGTT ATATTAACTG CTATATATAG GTTTTTTTCT
238601 TATACATACA TACCTATGAT GACATTTAAT TTATAAATTA GGCATGGTTA
238651 GAGATTAACA GCAATAATTA ATAATAAAGT AGAACAATTA TAACAATATG
238701 CTATAATAAA AGITATGTAA ATGTGTTCTC TGTCTCTCTC AAAATTTCTT
238751 ATTIGTACTAT ACTICACCGAT TITICAGACTIG AGGITTGACCT TIGGGCAGCTIG
238801 AAACTGCGGA AAGAGAAACT GAGTCTAGGA TGACTTTCTA TCTCAATTCT
238851 TGCATTGTAT TGTACACTCC TTAAGGATAA AAGCCATGTT TCTTCAGAAT
238901 CTTATCCCAA AAACTTAGCA GAGTGCCTGG TACATAATCA GTGGTCACTG
238951 AATTITITT GATTGATTAG ATGATGGAGA TITATGTATG TCTAGCTATA
239001 AAGTITATIGT TTATICATATA CAATATTIGGC TTAATAAGAT ATTICTTTIGGC
239051 CTCAAAATTA GAACCTAATA GGAAGCTTAA GACATAAAAC TAATTTGATG
239101 ACAAGGAAGC ATGAAATAAG TGCTCTAAAA AGAAACTCAA GAACATTTAG
239151 GAAGGATATA CCGCATCCAG CAGGGGTGAC TAAGTGATAA TAATTACACT
239201 AAGTCTTGGG GAAGAAAGGA TGCTATTTCA GGAGGTGGAG GAGAGGAATA
239251 GGTAGTTATT CCATATGGAA ATAATACTCT AGGCAAGGGA TACAGACATG
239301 AAAGCAAGGA ATGTATTTGA AGGATGGTAT CTTCTAATTG CATAGTTCAA
239351 AATTICTAAAT AGGAGGTCAG TGGCTAATAG AGCTAGGCAA GGAAGTTGAA
239401 ATCACATTAT GGAAAAGTTT AGAATTTAGT AGGCAGTAGA GAGACGTAAT
239451 TTCTGAATAG AAAAAAATAC TGTCATGAGA TTTTACAAAG ATTAATCCCT
239501 GCTCTGACTG GATTAGAAGA AACAGAAACT GTAGGCCAGG GGTGCAGGGT
239551 TCTTCAGGAA AGAAATATAA GACAAGAAGT TAAACTAAAT AAAAATAAGA
239601 CAAGGATATA TATGAGTGAT ATTGTAATGT ATAAAGAAAA GTGTCTCATT
239651 AGACTTGCAA GCTGGTCCAT TTACATTTGA TCATATTTTT AGAGAAACAT
239701 GAACAAGCCA AGGCAAGTCC AAAGGAGAGT AATCAGGATT TGACGGGGAG
239751 GGAGGGATGA GGGTCTGCAA GTGGTGAGTT CCTGGTTAAT CAGCTGGGGA
239801 AAAAAAAAGA CCAGGAAGGA GGAATGTGAT AGGCAGCTTC AGTTATTCAA
239851 AGGACTIGTCC TCTAGAAGAG ACAACATCCT TATTCTGTTA CTTCAGAGAG
239901 GCAAGAAGAG ACACTATAAA AGTGGATTGT GTCCGGAAGA GTGTGACCAA
239951 GATATGGAAT GATTTGGAAA CTGTGTCACA CAAGAAGAAT AAAAGTATTT
240001 TITATGATAA AGGAGAATTT TAAGGAACTT GAACACCACC TTCAAATACA
240051 TGCAAGGAAA AATGGGACTT TTGAACATTC AGTTAACTCC ATATAACAGA
240101 ACCATCTAAT TTATAGATAA GCAACTTTTC TCTTTACCAA TTATAGTGGG
240151 CCATCTGTCA AATATTATAG AGTACATGAG TATGTTGGAA GGAAATGTTG
240201 ACAGTGACAA ATGTTTTTAA AAGGGAAAAT TAATAGTGTA CACTACATTT
240251 ATTITATTAG TATCTCTAAT ATCAGATGGA AAAGAAAGGA GAATCAATGG
240301 GCCCACTGAT GGCTTAGAAC TTATGTCTAT AAAATTTACT CATATTATTG
240351 CATTAATATT TCAGAATTCA TAGTCTCAAA TAAATACAAA ATATAGAGAG
240401 ACATATCAGG AAGTTTAGGT TACCTATGTA TAAATAATTA AATCTCTTTA
240451 TTAAAATGAA TACCAATACC AAATTTTATT TTATAAGGAG TCATCATGGC
240501 ATAGTATGAA GAGCTGTGGG TTGACATCAG GCATACCCAA ATTTGAAACC
240551 AGCTICTGCTA CITACTOGCT ATTITAACTT TAGCATGTTA TTTGGCCCCCT
240601 CTGGGTCATG GTTTAATCAT CTATAAAACA AGGATATAAT TCCTCTCTCT
240651 AGGGTTATTA TACAGATTAA TAATAATGTT TATGTAGTAT ATAAAAAGAA
240701 CCTCATACAT ATTIGATATT TAAAATIGGCA ATTATTAATG TTATTATCTG
240751 AAAAGGTTTT AACAAGCATG CTACATAGAT GCAAATGGTA AAGTGGAAAC
240801 AATGTGGACT TTGGAATCAG ACTGACCTAG CTTTGAAGGC TAGCATTGTC
240851 ACTCACTAGC TIGTACATCCA TAGTAACGTG ATTAACCAAG CTGAACTCAG 240901 ATTATCTIGTA AAATAAAAAC ACTGCCTGGG CCAGGTGCAG TIGGCTCACGC
240901 ATTAICIGTA AAATAAAAAC ACIGCCIGGG CCAGGIGCAG IGGCTCACGC 240951 CTTTAATTCC AGCACTTTGG GAGGCCGAGG CGGGTGGATC ACAAGGTCAG
241001 CACTERADA CHACACTETTE CAACATECTE AAACCCCTTE TTACTAAA
241001 GAGTTCAAGA CTAGCCTGGC CAACATGGTG AAACCCCGTC TCTACTAAAA
241051 ATACAAAAA ATTAGCTGGG CATGGTGGGG CGTGCCTGTA ATCCCAACTA
241101 CTCGGGAGGC TGAGGCAGGA GAATTGCTTG AACCGGACC CAGGAGGCAG
241151 AGGTTGCAGT GAGCTGAGAT TGCACGGCTG CATTCCAGCC TGGGCTACAG
241201 AGTGAGACTC CATCTCAAAA AAACAACAA AAAAAACCCA ACACTGCCTG
241251 TCTACTCCAC AAGTTCAGAG TAGTAAATTA GGTCATGCTT ATTATTTTTG
241301 TTTTTAGGAT AGTICTGGTAT GTAGTAAAAC CTCAGTGTTA ATTTCATTTT
241351 ATTTCCCCAA ATATATGAAC AGGCTGTACC CCACTTATGA CCTCTTAACA
241401 TGTATTITAC AGACTTACGT GGATTGGAAG TCCTGGCTGG GCTCCACAGT
241451 CCCTGAGGGA AGGGAGAGCT TCCCTTTTTT GAACATCCAA ACCCCAGGGA

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241501 CTGATTCACC TAACTGCTCT CTATTAGGCA ACCCTTGAAA GGAAACTTCT
241551 GAGTTTTAGT AAATGAAGAG AGGACAGAGA CCCATCTCTT GTTTTATGCA
241601 GAAGTAAAGA GTTTAAGTGA CTAATGTCCA GGCACACTTA CTGTAATTAC
241651 TCCTCTCTAA ACCTTATGTA ATACTTCTAA AGCCCTACAT CTTTCAAGAG
241701 GGTGTAGTGA TCAGAGGTAA GGTTTAAAGT CTACCACTTA GACCTGGTTT
241751 TTAACTTCTC ATCAAAATAC CACAGTCTGC ATTGAGTGTT CTGATCAGGC
241801 TIGTTTCCTT ATTATTGAGG TAACTTACTT TGCTCTTTCT CTGCACATTT
241851 AACCATGGTG TTCTTTTAT TGAGAAAACC ACCCCTTTTG GGCTCTTATA
241901 TAAATTCAGA GCTATACTTC AAGTCACCCC AAGATCTGCC TTCTTTGTGA
241951 CCTCTAGTGA TCCTTCTAAC CCATAGTGAT TTTTCCCTAC CTTGAGCTTT
242001 CACAGCCCCA GTTCTTCCAT ATTTTGTCAC TTACTTTGTA TTTTGAGTTA
242051 TTTTCTAATT ATTTCATGTG TGTAACTTAC TTTCCCAATA GAAATTTAAG 242101 TCTTTGAAGA GAGGAAACTG TATTATTGGA TATTTTTTGT TTTTGAGACA
242151 GAGTCTCGCC CTGTCACCCA GGCTGGCGTG CAGTGACACG ATCTCGGCTC
242201 ACTACAACCT COGCCTCTTG GGTTCAAGTG ATTCTCCTGC CTCAGCCTCC
242251 TGAGTAGCTG GGATTCCAGG CACCTGCCAC CACGCCCAGC TAATTTTTTA
242301 TTTTTGTATT TTTAGTAGAG ATGGGGTTTC ACCATGTTGG CCAGGCTTTT
242351 ATATCCCCCA CTATGTCTAG CAAAAAATGT AATTGTATAA TTATCTAATT
242401 AAGATITATT GAAATGCTTT AAGTTTTTAG ATTCTAATTG AAGTCTCTAT
242451 GCCAATACTT TATTACTTTT TITGGTTCAT TIGCCTTIGA GAATTTTCTT
242501 AGCATITITA ATTTACTICA ATAATTGAGC GATTATGACA GGAAATCATT
242551 TCATGTAAAA AACAGACCAA GTATTCTGGT TCCTAGCCAG TTTTCTTTCA
242601 TITAGATATG ATGGTACTAA AGCAAACAAC AAATGACACC TCTACTTAAT
242651 TAGTGATTCC GCTATTCTGA ATATATATT CATGGCAATA AGAGTTTGTT
242701 GAAGTTTGAA GGCCTTTTTA CAGTCTCTAA AAAGACTTAA AATTAGTGTT
242751 TTCATTCAAG TTATAGATGG TTATAATCTC AGACAGCTGA GACTTTTCAT
242801 TITCACCITA AGGITAATIT TATTITGGAGT GAACTGTAAA AAAAAAATAC
242851 TITIGGCTTTA CAAAAATTCC TITITAGIGTA AAAATGACTG AAAATATTAT 242901 TATTCCCTTT ATATGAAATG TCCAGCTAAG GAAAATTATA GAGAAAAAAG
242951 GTAGATTATT AGTTGCCTTG GGCTAGAGTT AGGAGATGCC TTGGGGATTA
243001 AGTATAAATG GACATGAGGC AACTTTTGGG TTAGTGAAAA TGTTCTAATA
243051 CTACATTATG GTGGAGGTTG CACAATTTTG TATATTTCCT AAAAATTATT
243101 GAATCGTATG CITAAATAAT TCATGAATTT TGTGGTATGT AAATTATGTC
243151 TTAATAAAGT TATTAAAAAT AATITATGAA ATTACAGGGT TAAATITTAT
243201 TITATAATAA ACATAATAAA TIGICCITAG TATCCATITA TGAAAGTAAA
243251 TATGTTGCTT GAAATTATTT CATTAGAAAA ACTATTGCTA CTCTTTAGTT
243301 GTATGGCTAT CTGTAGGTCT TGTATGTGAT TTATTTATTA ATAAATTTAT
243351 ATTGAACTAA GTAGAATTTT TAAAAATATG GCTACTCATA TGTAAAAGTT
243401 ACTGGAATGG TCTTCTTATT TTTCTGACCT TTTTATATCC ATATAAATTC
243451 GGATGATTTC TCATTGATAT TTATGATATT CTGCTCTGAA AATAATATAA
243501 TCAATTACTT GCCTTTTTAA GTCAAGTATT CTACCCTAGT TGACTATAAA
243551 GTGAATTTTT TCAAAGGAAG TCTTAAATTT TTCATATATC TCTTAAGATT
243601 AAATTIGAGA GATGTTCACA TTGGGGGGAA AATCAAATTI AGTAAGCTGT
243651 GAACTITIGGC AATGCAAGAT TGAACTACTG CCTTAAATAT TTGTTAATAT
243701 CTGCTCACTA TTCCATTCAC ATAGCATAAG AATTTCCCCT ATGCCTGATA 243751 TTTTTGGCTT CATATTTTTA ATTTCTATTT CTGGATTTGT TTTCTTATGT
243801 CCAATGGAGC ATTGATGCTG ATTTTTTTAC TTCATAAATA CATAGTATCT
243851 GTGATGGTTA ATACTGAGTG TCAACTTGAT GGCATTGAAT GATGCAAAGT
243901 ATTGACCCTG AGTGTGTCTG TTAAGGTGTT GACAAAGGAG ATTAACATTT
243951 GAGTCACTGG GCTGGAAAAG GCAGACCCAC CCTTAATCTG TGTGGGCACA
244001 ATCTAATCAG CTTCAGACAC AGCCAGGATA TAAAGCAGGA AGAAAAACGT
244051 GAAAAGGTTT GACTGGCTTA GCCTCCCAGC CTACATCTTT CTCTCGTGCT
244101 TTATGCTTCC TGCCCTCAAA CACTGGACTC CAAGTTCTTC AGCTTTGGAA
244151 CTCGAACTGG CTTCCTTTTG CTCCTCAGAT TATGTGAGTT AATATTACTT
244201 AATAAACTCC CCTTTATGTA TATATCTATC CTGTTAGTTC TGCCCCTCTA
244251 GTATCAATCA AAATTTGAAG TATCAATCAA AATTTGAAGC TACAAGAGAA
244301 TTTAGAAATC ATCCAGTGCA ACTTATTAAA TTATACTTTT GATAGGGGAT
244351 GCTAAATGGT TAGGGAACTT GTTTGGATCT GTGGATTTCG TTGGTTATAT
244401 ACTCAGCTCT TAATTGCCAA GGAATAGTCA TGATGAACCA GCAGACTTTC
244451 CTCACCTAGT TGGGGAGAAA AGAATTAGAT TAATTTTTCGG TTCCTTGAAC 244501 TCTAGAATTC TATAAATCTA TCAACTGTAA CTATGTCAAA TATAATGCTA
244551 TEGATETTAC TETTETTAAT TAACTATETE TACCTICACT TITCTCATAGT
244601 CCAGCTATCA TTAATCTTGG ATTATAACGT ATGGATCCTA TCTGCCTGGC
244651 TCCCTGAACT TTTTATAGAA AGGAGTATAT ACTATATTAG TAAAAGCACA
244701 CACTOTIGGAT TTAAACTOCC TIGGITTIGGG TATTIGGTTCT GCCACTCATT
244751 TACACTGTGT CCTTGGACAG GTTATTATCC CCTCAATATG GGGAGAATAA
244801 AATGCTTCAT AAACTGGTGA GGATTAAATG AATTAATACA TGCTTGAAAT
244851 AGTCCACTGA ATATAATAGG AACTCATAAT AAGATGAATA ATTAATATAA
244901 CTCAAACCAA CTGGTTTCAG GGCCTTATAG TATATATAAG TATATCATTA
244951 TATATTTATA TATTATATAT ATTTGATATA TATACTTACA TATAGATATC

### FIGURE 3RRR

245001 TATATATAAT ATACTTATAT GTAGGTATCT ATATATATAG CTTTTTC	GGG
245051 GGTCCTGCTT AGCCTTTCTT TCTCCATAGG TTTAATTGTA GAGCTGT	ள
245101 TCTTTTTTT GTTIGTTIGT TIGTTTIGA GACGGAGTCT CGCTCTC	TIG
245151 CCCAGGCTGG AGTGCAGTGG CGCGATTTCG GCTCTCTGCA ACCTCCC	CT
245201 OCTGGTTTCA OGCCATTCTC CTTCCTCAGT CTCCCAAGTA GCTGGG	CTA
245201 CTGGTTTA CGCATTCIC CTTCTOAGT CTCCAAGTA GCTGGG	SIA
245251 CAGGCGCCCG CCACCATGCC CAGCTAATTT TITGTATTTT TAGTAGA	GAC
245301 GGGGTTTCAC CATGTTAGCC AGGATGGTCT CGCTCTCCTG ACCTCGT	GAT
245351 CCACCCACCT CGGCCTCCCA AAGTGCTGGG ATTACAGGCG TGAGCCA	CTG
245401 TGCCCGGCCA CAGCTGTGTT TCTTAAACTT AAGTAATGAA TAAATGT	ΔΤΤ
245401 IGCUGGCA CACIGIGII TOTTATCAT ATACCACA ATTCCA	<del>710</del>
245451 GTAAAGAAAA TACCTCAAAC TTCTATGAAT ATACCTACAA ATTCCAC	1110
245501 AAGAACTACA TTAATTAAAT GCTGCCACCT TCCATGGTAG CTTGGT	CA
245551 ACACAATCAG AAACTCTAAT GCAATTTTTG ATGTTGAAAT CAGGTAA	VCCA
245601 GTACTITATT GTAAGATCTT CAGCTGATTG AGCATTTTAA TTTTGTT	TAGG
245651 TCATCATCAA AACAAAAACA GAAATTITAA GCATATGAAA TATCTTO	ΔΩΔ
243031 TATALOG ACCOUNTY TO TAKE TAKE TAKE TAKE TAKE TAKE TAKE TAKE	TAA
245701 CTATTTCAGC AGACCCTAGT TGAGAACTGT TGCTTCAAAA GTAAAAA	11AA
245751 CACACCTATG CACACCAAAC TGATTGTTTT ATATTCAAAA CTCCAGT	AIC
245801 ACTATTIGIT TIGATCAGIT GAAATTACTT AAGAGTAATA ACAGGCC	JIGC
245851 TGCCAGTGGT GGTAGCAACT GAAGCTGATT TTTATCAGAT CAAGAGT	GAG
245901 CCAGGATAAT GCCAGTTTGG GGCCAGCTCT AGGTAGAATG CTAAAAA	ПG
245951 TIGAGACTIC TIGITACCT ACTACATICT GICATO	111
243931 HGAGACHE IGICHOCH CIGHACCE ACACTACC CCAAAA	~~~
246001 CTCCTGTCTG TGCCCTTTGT CAGTGCCCTT ACCCCTAACC CCAAAAC	<u> </u>
246051 CTCACTGAGA TGCTTGACAT GTTACTTTTC CCAGCATATT TGTGTT	IAA
246101 TAAAGCAAAT CTAAGTCCCT GAAATACCTC AAGACTTGTT AGAATC	יכוד
246151 AMAGTGAAAT TTCTAACACT CTGAGTTCAA TAAGAAGAAA TAAAAG	TACA
246201 TATATTTTTA TATAATTTTT TATGTTTGCA AACCAAGAAA CATGCC	TTT
246251 CTCCTAGTAA AAATGGGGGA AGTGAGGACT ACTTTGCCTT TTCTCC	DCCA
246251 CICCIAGIAA AAAIGGGGGA AGIGAGGACI ACTIGCCII ICCC	- C-C-A
246301 CAGAGTAGTC CTCATTTCCC CCTTTTTCT TTATAAAAG GAAATG	AIGA
246351 TAAAAAATTG TTAATTGGAT ACCACTTCAA ATGGGGATTA GTTATG	ATA
246401 GAATATTTCA GATATATTAG TATAGAAGTC ATTTAAGATA CAAGCA	Ш
246451 ATCCTTTTGT AAGTTCTTTT GTCTAAAGTT TGTTAAGAGG AAAGCC	AAAG
246501 ATTATTTIGT TIGTATACTAA AAGCIIGTAAA TATTATTAAT TTATGT	CTA
240501 ATATTIGE IGIALACIAA MACIGIAM TATATTAL CACCAT	
246551 TACTTCCCTA TGGAAAAGGG AAACTCAGTA TTACCATGAA CAGGATI	JAI
246601 TCTTTATATG AGTAGTTAGA AGCTAATTGT AGGTTATTGA GATTTA	XTTT
246651 AGTCTCTGGT TATCATGTTT AGAATCTTAT GACATGATTT GTTTTA	SAGA
246701 AATAACCTGC TTGCAGTTAA GTACATTCCT TAGATGTCAG CCTGGT	TAAC
246751 TAGTGTCTGT CCTGAGTTGG TAAATGTCTA CTTAGATGCC AGTGAT	CGA
240/31 AGIGICIGI CCIGAGITIGG TAMAGGICIA CTIGAGICCE AGIGACI	
246801 ATAGAAACTG TCGTGTCAGC TTATAACATT CTCAGAGGGT TGCACT	
246851 ATGCAGGTGG GGGGAAGGAC AAAGTAATAG CITCTTGTTG GGATTA	AGI
246901 AAGTGAGGGC TCAAGTGAAG ATCTCTTAGT TCCTTGAATG ATCCTT	TAAA
246951 AGGTAATAGT TITICCATTIT TITIGCTTICA GITICTIGCAT ATGTAA	TGAA
247001 AATAACGTGA ACTTAGAAAT ATGGGCTTAG TAAATTCTTA GTAAAT	TATG
247051 TTCACATGCT ATAAGATTTT AATCAATGAG TTTCAAATGG GGAAGG	CAAT
24/051 TICACAIGCI ATAAGATTI AATCAATGAG TITCAAATGA GGAAGG	377CA
247101 TTATATTTAA TACCAACCTA CGGCATGCCT ATATTTTAAA CTATTA	AICA
247151 TCCAGTAACC CATAAGCCTA GGAAGGATTA GTCCGAGGTA TTACAG	ICIC
247201 AAAGAGATAG AGOCTGGCTA TGCGCATTGT TCTGTCTGAT TATTTT	TCAT
247251 TITICICITIT GITTIGITIT TITIGITICTA GCCTAGGCAG AGTGCA	GTGG
247301 CATGATCTCA GCTCACTGCA ACCTCTGCTT CCCGGGCTTC AAGCAG	пст
247351 CTTGCCTCAG CCTCCCAAGT AGCTGGGATT ACAGGCGTGT GCCACC	4100
247401 CCAGCTAATT TTTTTGTATT TTTAATAGAG ACGGGGTTTC ACCATA	IIGG
247451 TCAGGCTGGT CTTGAACTTC TGACCTCAAA TGATCCGTCC GCCTCT	GCCT
247501 CCCAAAGTGC TGGGATTACA GTTGTGAGCC ACCGGGCCCG GCCTGT	TCTA
247551 TATTATTTTA AAACCTAAAC CCTTTCCTCT TAAACAAGCA GACATC	TGTA
247601 ATATATGTAA CCTAATTGTA AAATAGATAA ACGTAACAGA GAGTAT	GTT
247001 AIAIAIGIA COMPILION AND AND AND AND AND AND AND AND AND AN	ACAT
247651 GGTATAGTTT CTGGTTAGTG CTAAATGATT GGAACAAAGA AAGGAG	7074T
247701 TACTICTIGGAC TIGGAATIGATIC AAGAAAAGCT ATATAAGGAT ACAACT	1040
247751 GTGGACTGTG AACTCTGTGT AGAAACAGAG TTAGGGTTCG TTTTGG	AGGT
247801 TCTAACAATT GTAATATTTT TAGTAGTTAC AAGTAGAGCT CTGTCA	$\pi$
247851 CATCATCTAA TTATAATGTG CAAAGACTGA TTGCATGTAC TCTTTG	ACTA
247901 CAGTTCTTGG CACTAATAAC CCTAAACAAA GCTGGAGGGG CTAATT	۸
54120T CARLICLIAN CACIMAINAN ACIONARA CINAMINA	<del></del>
247951 CCTTTICCTA ATCIGAATTT TGATGTGCTT TTGAACTAGT AAGTCT	1016
248001 GCATTCTAAG AAGACTTACC CCATCACTGG GGAGACATTT ACTTCA	GCAT
248051 TCAGAAAACT AGATTTTTGA ATTAAAGITT TITAGAGGAG TITTTC	ACGC
248101 AGTAGCACAA ATAAATTAAT CAGTGTCTTT ATTTTTCTAT ACCCCT	ATCG
248151 TCATTGCCTG CATATAAGAA GGAGATAAGT ATAACAGTTT ACTCAT	CCCA
TOTAL THROUGH TO THE TOTAL AND THE TOTAL ACTUAL TOTAL	V111
248201 TATGTGTACT TTTTGATAGA AAACATGGAG ACTATGAAAA GCATTC	AT11
248251 TGTCTCCTGG TTGTCAGATT CTGTCTGTAA CTGACAGTAT GATCCT	AIAI
248301 CTTTTAAATG TGCTATTACC TGAGTTTCTT TTGGTAACAC TAAAGG	TAGA
248351 AAGAAAAAA GTTAACTTAG QGTAAAGGCT ATTTGTTQCT TTTTCA	TTAA
248401 AAAACCAGGA AATTCTTTT TGATTGGTGA CATCGTATTA ATATTT	AGTC
248451 TGATTTATTA GCATGAGGCA AACAGCTTTT TTCCCCAGAG TGTTGA	
248451 IGATTIATTA GCATGAGGCA AACAGCTTTT TTCCCAGAG TGTTGA	CHA

248501 GAGAATGTGG ACTTATATAA AAATAAAGAT AATTTAGTTT ATGATTTTTC 248551 TTCTTTTTC AAAATTCAGT TTCTTTCTTA ACTTTTTGTT GGACTTTTTC 248601 TCACTTTTA AAAAAACCGT TAGTTTTGTG ACTTGGGCAA CCTACTCGGC 248651 CTCAATTTTC TTATCOCTAA AATGGGGTTA TTAACCCACC TATTTAACAG 248701 GGTGGTTGGT AGGATTAAAT GAGATCATAT CTGTGGAATG ATTCAAACAG 248751 TTAGAACGGT ACCTCATAGT TACTTAGTGA GTAAGTATTA GCTATTGTTT 248801 TAAATAAAAC CAGTAGGATT TCAACCACAC TGGCAGGTGT GCCCAGCTCT 248851 GCCCTTTGCT AGCTGTGTGA CCCTAAAAAT GTTACTTAGC CTCTTTGTAT 248901 TTCAGTTTCC ATGTCTGGAA CACGGAAGTA ATACTGATGC CTCCCTTGTA 248951 GATTITTGTA ACAATTAAAG CAGTTAATGC TTATAAAAGT TCTCAGAACA 249001 CCCTGGCACA TAGTAAGTCT GTTGTTATAA ATATTTTCAA CATTATGACT 249051 GTTTTTGTCA GGATGGGTTT TTTTAAAGCA ATGCATAAAA GTACTATAAA 249101 TATACATTTG TTCTATATAA TGGCCAACTA AGGAAACAAA AGCAGATAAG 249151 GTAAAAGCAC AAGAAATGAG GAAACAGAAA GAAGGCAAAC AGGAATAGGC 249201 AGAAGGATAA GTACTAAAAA ACATACATAC ACTTCCAGGG AGAGAGGACA 249251 GATCAGAAAG TTCTTCCTAT TTCTAAAATT TGTTTATACA CACACACACA 249301 TGAAATGAAA TTCTAGACTA TAGTAAGTGA TCTTTGGGCT ATTTCCTATA 249351 TCATAGCATT TTCACATTGT ATTTTGTTTG CTCAGTTAAT TATCCATCTT 249401 CCCCTGCAAG CTCTTGAGGG TAAGAAACAT TATGTCTTGT TCATCTTTGG 249451 AACCCTACTG TCTAGCATGT AGAAAGCTCT CAATATTTAA ATTGAATTTA 249501 AAAATAGGGT TTTGCAATAC TAACTTGTAT TTTTCCATAA ATGCTTTTCT 249551 AATATTTTCC ATAAATTTTC CACAAATATG CCTTGATATT TTATATATAT 249601 ATAGGATTCC TTGACTGTGT GTGACGTAGT TTAAAATTTT CCTTTTTCTA 249651 AAATTITTAT TITICTITTTA ATTTIGGAAGT CTCCATTCTT ATTAAAATTA 249701 AGTICCTTATIG CTATTTAATA TAATAATACT TIGTTACACCT TTAGGAAAAC 249751 ATAGTIGTIC ACCATGCTTT ATATACCATG TGTGAACTTT TCTATATTTT
249801 TTTCCTTTCA GAGTGTATTG TTCTTTTTGT TTGTAAAGCA GCATACTTGA
249851 TGCTGCAACC AGTGACTTTT TGCCATGCAT TCTTAATACT TCTTGGAATA 249901 TTTGGTTTAG GAAGTGGGGT AATTAGTACA TAAACACTGT GTAGCAGAAC 249951 TACCCTAATT AGTGCCTTTT GGCCTGGCTT CAATGATAAA CAAAGTAAGA 250001 TGTGTGTCAG CATTCATCCT AACACTTTAT AAAAATTGTT ATAGCCCTAT 250051 GGGGCAGCAT ACACAAGATA AGITAAATAA TGTAGTAGTT GAGACCATGA 250101 GAAGGAGTTT TGTCTGTCTA TTTAATAGTC TTTGCATGAT AAATTAGCTT 250151 CCTAGCTTTG AAGGCTTCAT TAGTCTTAAT TATCCAGAAA GCATAAACTT 250201 AGCCATCAAA GTGTATCCCT AATAACGTTT TACATCTTTA GTGAAATGTT 250251 GCCTCTTTAA TCTGTACCTA AACCAATTTC ACTATCTTCC TATAATCTAT 250301 AGGCGAAAAA GAGCATTAGC TTAGACCATC AAAATGAAAT GATTCAGGAA 250351 CTGGGTTCAG AGGCAAAACA TTTCTCACCC ATTTTATGGG GCCTTTAGGA 250401 AATTTICTTT CATTTAGTTC ACTGITACTT AAGTCTGTTA TTTCAGAAGA 250451 CCACTACTTC CTATTTTTGA AGTATAAATA CTTTAAAGAT TTTCCCATTA 250501 AGATGTTGCT TTGTTGGTTT ACAATACTGG GACTACTATA TAGGAACAGA 250551 TCATTTTTC TAGAGACAAG GAACAGAACT TTCTGCTAGA CAGCTCATTT 250601 CTTAGAGACA CTCTAAGCTT AAAATTTGGG ACTCATTATG AAGTCTAGGT 250651 ACAGTTTCTG AAGAATCTCA TCTGTATTAA GAACTGGTTG TTCAAAACCT 250701 CTTTGTAATT AATTTTCTTA CATTAAATCA CAAGGCCGAA AATGGAAAGT 250751 AAATATGTAA AAATGTAGAA AACTTAAATA GGTTAATAAT TGTCAAAGAT 250801 ATTGAAATGG TAGTCAAAGC CCTCCCCAAA AACTAAACAC AAACACTTGA 250851 ATAAACAGAC ACACTTTCCT AAGCCAAATA GATTTTATAG GACATTGTTA 250901 CCAGATTTTC AGGGGATGTA ACTCCTGTCT CATATGGATG CTTTAAAAAT 250951 AAAAAAAAGC CAGGATACTA TCTGGCTAAT TTTGCAAGGC TTGTACAACC 251001 CTAATTCCAA AAGATAGCAC AAGAACAGAA AAGTATAGGT CCACCACACT 251051 TATCATTACA AGTGTGGGAA TTCTAAATCA AATTTAGTGA ATAAGTCCAA
251101 TGGTTTTTT TTTTTTTTT TTTTTTTTT GAGTGGGATT CTCACCCTGT
251151 CACCCAGGCT GGAGTGCAAT GGTGCAATCT CTGCTCACTG CAACCTCTGC 251201 CTCCCAGGTT CAAATGATTC TTCTGCCTCA GCCTCCCGCG TAGCTGGGCT 251251 TACAGGOSCC CACCACCACG CCCAGCTAAT TTTTGTATTT TTAGTAGAGA 251301 CAGGGTTTCA CCATGTTGGC CAGGCTGGTC TCAAACTCCT GACCTCATGA
251351 TCCGCCTGTC TCAGCCTCCC AAAGTGCTGG GATTATAGGC CTGTGCCACT
251401 GCACCCAGCT GGTAATTTTT TAATATAGTA TTTTATCTAA GGAAGTTAAG 251451 GATGGTTTAA CATTTAAAAA ATCAAAGAAA TTCACTATAT TAATGGTGAA 251501 AATATGTAAT AGGCAAAAAA ATTATATAAT TGTCTAAAAG TATGCTTTGA 251551 AAAGCATTTG ATAAACTTTA ACTATAAAT TAAAAGTTTA GAAAATTAGG 251601 AATAGAAGGA AACTTTACAA ACTAGTTATA TACAAAAGCC TACAACAAAT 251651 ATCAATACCA AAGCTTTAAT CAAACTTTAT ACAAAGCAAG ACAAATACAT 251701 ATTCTTGATA TAGATCTGAC TAGTCCAATA AGAAAAAAAA AGTGAAATAA 251751 AGGTGGACAG AGAAATGGTG GAGCAGAAAA GAGAAACTAA AATAGATAAA 251801 ATAGTOCTTA CTTGGAAGTT ATACATTGTC TATGTGGGCA AATTATTAGA 251851 ACTAGAAGAA GCAAGCTATA TACTGTCAAT AGTTTCAAGC TATATACTTT 251901 CAAGCAAGCT ATATACTTTG AGTATACTTT CAGTAGTTTT GTTTTTCCAG 251951 ATTTAGCAGT GACTACACTT CAAAATTCAC AGCAATTACA AAAAGTATAA

252001	TGCATTTAAA	CATTAACCTA	ACAAAAATT	<b>ATAATAGCTT</b>	TATGGAACAA
252051	ATTACAGAAC	TTTACTAAAG	GACGTAAATG	<b>AAAACTTGGT</b>	TAAATGAAGA
252101	<b>GCTATAACAT</b>	<b>GTCTATTGGT</b>	<b>GGGGCACATA</b>	ACAACATAAA	GATACCAATT
252151	CTCCCCAAAT	CCAATTCCAA	TTAAAAATTAT	AATAAGACTT	TTGGGGAGCC
252201	TCAGTTAACT	GACTCTGATG	TAGAAAAAGT	TTCTTAGATA	GCTAAGTCTA
252251	TTTTGAAATG	TATCAGGAAG	AGGGATGATT	TTTTTCAACC	ACATTTTAAT
252301	CCATATTTGT	<b>AAAAGTAATA</b>	TGGAACTGGC	ATAGAAACAG	ATGATTACAC
252351	TAATGAAACA	GAAGAGACAG	<b>GTCAAAAACA</b>	GAACCATGGT	GGGGAAAAAGG
252401	<b>AATGTTGCTT</b>	<b>AGTAGGTTCT</b>	TGAAGACTGG	TTTACAAAAT	TTTAAAAAATA
252451	<b>AAGTTGGGCC</b>	CCTACTTCAC	<b>ATCACATACC</b>	ATGTGAACTC	CACAGAGAAC
252501	AAGGACTTAA	<b>AAGTGACAGG</b>	TATAACCACA	GAGCTAATAG	AAGAAAATGT
		TTTTCTGATC			
		ACACAGTCTT			
		CTCACTGCAC			
252701	CACCTCATCC	CCCTCAGGTA	GCTGGGACAA	CAGCTGCATG	CCACCATGCT
		TTGTAGAGAT			
		GGGTCAGGCA			
252851	TGATATGAGG	AAGAACTTCT	TAAACCCTAC	TGCAAAAGCA	CAAACTATCA
		ттттсст			
		GAGTAAAAA			
		TGTCATAAGC			
		AATCAAGAAG			
		TCATGGAAGG			
253151	GATGTTCAAC	CTTATGAGGA	ATTAGAGAAA	TGCTAATTGA	AACAACATAC
		CTATTTGGGA			
<b>553551</b>	AAAATATAGG	TGAGGATTTG	GGGTAATGAG	GACATICATG	ACTOCIGGI
22330T	TGAAATGCAG	GCTGACACAG	CIGGICIGAA	GAGCAAIGIC	ACAGICCIII
52332T	GIAMAGIAA	ATATGTTTAT	AACTIGICAC	CAGAAGIGC	CATTICGIGI
		TTGAAACACA			
20343T	AIGITIACIG	TGGAAGTGTT CTATGAGAAT	CCTCAACTAA	AATTCCAACCC	ATCCATCCTC
72220T	GIGICATCA	TGTAACAGAG	CAATAAAATA	AATICTTCACC	CAATICCCCTC
72222T	CACCCACACA	CTCCTGGGAA	CATACACCTC	CACTOCAACA	ACTICCETT
		GTATGGAGGG			
		GGATGTTAGG			
		GGAGAGCTTA			
		CAGAGACAAC			
		GAAGAATTGA			
		TACTAGCTGG			
		CATATTTTGT			
		TGITACTGTC			
		TTCATGTTCA			
		TAAAGGCCAT			
		CIGITITICA			
		ATTATTAAAA			
		AAATTACAGA			
		<b>ATATATGTAT</b>			
254351	CATCTCTAGT	<b>GTGGTCGGAG</b>	GGAAGGGGCC	<b>AGTAGCCAAT</b>	ATTGGGGGTG
		TTAAATAAGA			
		GATTGAAAAC			
254501	TTAAAACAAG	TCTACACTTC	TGCAGAAAAG	TGGTAAGGGA	AAGAGTGGGA
		AGCCCAGCAT			
		GAAGGGGGAG			
		CATTTCCCCC			
		GTTAAAATAA			
		TGTGGGAACT			
		AAAGCCCTCA	TATTAGCTCC	AGAGAAACCA	AGITIALIAL
754X51					
				TAAATTTAGT	GICIGIGIAA
254901	TCATGTTATT	TIGICATITA	CTTTTTAACT	TAAATTTAGT GTAGAAAAGA	GCTTGATTTG
254901 254951	TCATGITATT	TIGICATITA	CTTTTTAACT	TAAATTTAGT GTAGAAAAGA CTTACTCTGT	GCTTGATTTG CACCAGGCTG
254901 254951 255001	TCATGITATT ATTITITIT GAGTGCAGTG	TIGICATITA TITITITITI GCACGGTCTC	CTTTTTAACT GAGACGGAGT GGCTCACTGC	TAAATTTAGT GTAGAAAAGA CTTACTCTGT AGCCTCCGCC	GCTTGATTTG CACCAGGCTG TCCCAGGTTC
254901 254951 255001 255051	TCATGITATT ATTITITE GAGTGCAGTG AAGCAATTCT	TIGICATITA TITITITITI GCACGGTCTC CCTGCCTCAG	CTTTTTAACT GAGACGGAGT GGCTCACTGC CCTCCCGAGT	TAAATTTAGT GTAGAAAAGA CTTACTCTGT AGCCTCCGCC AGCTGGGACT	GCTTGATTTG CACCAGGCTG TCCCAGGTTC ACAGGCGTGC
254901 254951 255001 255051 255101	TCATGITATT ATTITITIT GAGTGCAGTG AAGCAATTCT ACCACCATGC	TTGTCATTTA TTTTTTTTTT GCACGGTCTC CCTGCCTCAG ACAGCTAATT	CTTTTTAACT GAGACGGAGT GGCTCACTGC CCTCCCGAGT TTTGTATTTT	TAAATTTAGT GTAGAAAAGA CTTACTCTGT AGOCTCOGCC AGCTGGGACT TAGTAGAGAC	GCTTGATTTG CACCAGGCTG TCCCAGGTTC ACAGGCGTGC GGGGTTTCAC
254901 254951 255001 255051 255101 255151	TCATGITATT ATTITITIT GAGTGCAGTG AAGCAATTCT ACCACCATGC CGTGTTGGCT	TTGTCATTTA TTTTTTTTTT GCACGGTCTC CCTGCCTCAG ACAGCTAATT GGGATGGTCT	CTTTTTAACT GAGACGGAGT GGCTCACTGC CCTCCCGAGT TTTGTATTTT CAATCTCTTG	TAAATTTAGT GTAGAAAAGA CITACTCTGT AGCCTCCGCC AGCTGGGACT TAGTAGAGAC ACCTTGTGAT	GCTTGATTTG CACCAGGCTG TCCCAGGTTC ACAGGCGTGC GGGGTTTCAC CCACCCAAAG
254901 254951 255001 255051 255101 255151 255201	TCATGTTATT ATTTTTTTT GAGTGCAGTG AAGCAATTCT ACCACCATGC CGTGTTGGCT TGCTCTGATT	TTGTCATTTA TTTTTTTTTT GCACGGTCTC CCTGCCTCAG ACAGCTAATT GGGATGGTCT TGGGAGACCT	CTTTTTAACT GAGACGGAGT GGCTCACTGC CCTCCCGAGT TTTGTATTTT CAATCTCTTG TGGCCTCCCA	TAAATTTAGT GTAGAAAAGA CITACTCTGT AGCCTCCGCC AGCTGGGACT TAGTAGAGAC ACCTTGTGAT AAGTGCTGGG	GCTTGATTTG CACCAGGCTG TCCCAGGTTC ACAGGCGTGC GGGTTTCAC CCACCCAAAG ATTACAGGCG
254901 254951 255001 255051 255101 255151 255201 255251	TCATGTTATT ATTITITIT GAGTGCAGTG AAGCAATTCT ACCACCATGC CGTGTTGGCT TGCTCTGATT TGAGCCACCG	TTGTCATTTA TTTTTTTTTT GCACGGTCTC CCTGCCTCAG ACAGCTAATT GGGATGGTCT TGGGAGACCT TGCTGGCCAG	CTTTTTAACT GAGACGGAGT GGCTCACTGC CCTCCCGAGT TTTGTATTTT CAATCTCTTG TGGCCTCCCA ACCTTGATTT	TAAATTTAGT GTAGAAAAGA CTTACTCTGT AGCCTCCGCC AGCTGGGACT TAGTAGAGAC ACCTTGTGAT AAGTGCTGGG TTTTAGGAGT	GCTTGATTTG CACCAGGCTG TCCCAGGTTC ACAGGCGTCC GGGGTTTCAC CCACCCAAAG ATTACAGGCG AAAGAGACTT
254901 254951 255001 255051 255101 255151 255201 255251 255301	TCATGTTATT ATTTTTTTT GAGTGCAGTG AAGCAATTCT ACCACCATGC CGTGTTGGCT TGCTCTGATT TGAGCCACCG CCTACCTCCA	TTGTCATTTA TTTTTTTTTT GCACGGTCTC CCTGCCTCAG ACAGCTAATT GGGATGGTCT TGGGAGACCT TGCTGGCCAG CTCTAGTCCT	CTTTTTAACT GAGACGGAGT GGCTCACTGC CCTCCCGAGT TTTGTATTTT CAATCTCTTG TGGCCTCCCA ACCTTGATTT CTTATCAGTG	TAAATTTAGT GTAGAAAAGA CITACTCTGT AGCCTCCGCC AGCTGGGACT TAGTAGAGAC ACCTTGTGAT AAGTGCTGGG TTTTAGGAGT ATTTCTTTTT	GCTTGATTTG CACCAGGCTG TCCCAGGTTC ACAGGCGTGC GGGGTTTCAC CCACCCAAAG ATTACAGGCG AAAGAGACTTT AAAAAAGTAA
254901 254951 255001 255051 255101 255151 255201 255251 255301 255351	TCATGTTATT ATTTTTTTT GAGTGCAGTG AAGCAATTCT ACCACCATGC CGTGTTGGCT TGCTCTGATT TGAGCCACCG CCTACCTCCA ATGTCCTTGT	TTGTCATTTA TTTTTTTTTT GCACGGTCTC CCTGCCTCAG ACAGCTAATT GGGATGGTCT TGGGAGACCT TGCTGGCCAG CTCTAGTCCT GTCTTCACTT	CTTTTTAACT GAGACGGAGT GGCTCACTGC CCTCCCGAGT TTTGTATTTT CAATCTCTTG TGGCCTCCCA ACCTTGATTT CTTATCAGTG CATCTTCCTT	TAAATTTAGT GTAGAAAAGA CITACTCTGT AGCCTCCGCC AGCTGGGACT TAGTAGAGAC ACCTTGTGAT AAGTGCTGGG TITTAGGAGT ATTTCTTTTT AATAAGTATT	GCTTGATTTG CACCAGGCTG TCCCAGGTTC ACAGGCGTGC GGGGTTTCAC CCACCCAAAG ATTACAGGCG AAAGAGACTT AAAAAAGTAA TAGAGGCAGT
254901 254951 255001 255051 255101 255151 255201 255251 255301 255351 255401	TCATGTTATT ATTITITIT GAGTGCAGTG AAGCAATTCT ACCACCATGC CGTGTTGGCT TGCTCTGATT TGAGCCACCG CCTACCTCCA ATGTCCTTGT ATTITCGATA	TTGTCATTTA TTTTTTTTTT GCACGGTCTC CCTGCCTCAG ACAGCTAATT GGGATGGTCT TGGGAGACCT TGCTGGCCAG CTCTAGTCCT	CTTTITAACT GAGACGGAGT GGCTCACTGC CCTCCCGAGT TTTGTATTTT CAATCTCTTG TGGCCTCCCA ACCTTGATTT CTTATCAGTG CATCTTCCTT AGATTCTTTA	TAAATITIAGT GTAGAAAAGA CITACTCTGT AGCCTCCGCC AGCTGGGACT TAGTAGAGAC ACCTTGTGAT AAGTGCTGGG TITTAGGAGT ATTTCTTTTT AATAAGTATT ATTTAGGAAA	GCTTGATTTG CACCAGGCTG TCCCAGGTTC ACAGGCGTGC GGGGTTTCAC CCACCCAAG ATTACAGGCG AAAGAGACTT AAAAAAGTAA TAGAGGCAGT GAAGAAAACT

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255501					
	AGGTCTCTGT	CTCCCGGGGT	CCTCATTATG	CTTTACTTTG	CCCTTTCCAG
255551	TGCCCTTTCC	<b>AGTGTTTCAA</b>	CCACATTGAG	CCGCATGGCC	<b>GCATAGGGGA</b>
255601	CTATGAAGAT	CAGCTCATGC	ATTTGTGAAG	CACTGCCTCC	TIGIGICITA
	CIGITCICIT				
	GTTTTAAAAC				
255701	AGAAAGTACA	CTACATTAGE	TITATICTICAT	CAAATTIGTTT	AATCATCTCT
23373T	ATAATTTACA	TCAATCTTCA	TTAATAATAC	ACCACCAAAT	ACAAGACTCT
52290T	AIAAITIACA	CETTCAAAAT	COCACOTA	AGGAGGAMATAC	ATTTACACCC
	TTCTATAAAG				
255901	TACAAATGCA	CHIGHIACAL	GGCIATACTC	TAGTGGTAAA	GICIGGGCII
255951	TTAGTGTAAC	CATCACTGGA	ATACTGTACC	TTGAACCCAT	TAGGIAATTT
256001	CTCATCCCTT	ACCOGTCTCC	TTCTCTGCCA	TCTTTCCAAG	TCTCTGATGT
256051	CTGTTATTCC	ACTICTGTAGC	CGACATTAAT	TTTTAAGGAT	AGTTACTCTT
256101	<b>TATATACTAC</b>	TTCTGTAAAT	CCATAACAGA	TCCCCAGGTT	ппсспы
256151	CTATTAGGAA	CTGTTTAAAA	AATTTTGTTT	AAGAAACAAA	<b>TGTATCTCCA</b>
256201	TTCATATTCT	<b>TGAACAACAC</b>	TTCTAATTAA	<b>TGAATTACTC</b>	AGAAATTTTG
	CTGATGAAAA				
	CCTGAGAGAA				
	TTGCAGGTTT				
	TAGAAATTCC				
	TCTAAAAATT				
	AAAAATATAT				
	GCTGACATAT				
	CAAGTGTACA				
52002T	CCCTGCACAT	AGGCTTCTCT	ACICCIGATI	CIAAAGCICA	THACACIAA
526/0T	AAAGGTTATT	GAAAGGIACI	IGAICIGITI	TIGAGCTIAA	GAAATAGAGC
	TAATGGACAG				
	CTAGATATAT				
	GTTATAGAGC				
	TATTTTCAAG				
256951	CTTCAGATGC	CAGCAATCTA	GAAGGAGGAG	TAGGATGGGA	GCAGACAGGT
257001	TGCCTCCCCA	CCTGGATAAC	TGAGTGTGGT	TTTCTGCAGT	TCTTAAAATT
257051	<b>GTCAGCTCAC</b>	<b>ACATACTACT</b>	<b>TACTTACTTA</b>	CTTACTTACT	<b>TACTTACTTA</b>
257101	<b>CITATATATG</b>	<b>TCTGTAAGTA</b>	CGTGACAGAG	TCTCACTGTG	GCACCCAGGC
	TGGAGTGCAG				
	CCAAGTGATT				
	CACGTGTGCA				
257301	TATTTTAGTA				
		GAGATAGAGT	TTCACCATGT	TGCCCAGGCT	<b>GGTCTGGAAC</b>
257351	TCTTGAGCTC	GAGATAGAGT AGGCAGTCTG	TTCACCATGT	TGCCCAGGCT	GGTCTGGAAC TGCTGGGATT
257351 257401	TCTTGAGCTC ACAGGCGTGA	GAGATAGAGT AGGCAGTCTG GCCACTGCCC	TTCACCATGT CCCACCTCAG CCAACCAACT	TGCCCAGGCT CCTCCCAAAC CACACATACT	GGTCTGGAAC TGCTGGGATT TTAAGTGGGA
257351 257401 257451	TCTTGAGCTC ACAGGCGTGA CTTTATTTAA	GAGATAGAGT AGGCAGTCTG GCCACTGCCC TATCTTCATA	TTCACCATGT CCCACCTCAG CCAACCAACT TCAGCGATAG	TGCCCAGGCT CCTCCCAAAC CACACATACT AACTTGATGT	GGTCTGGAAC TGCTGGGATT TTAAGTGGGA GGTTTTCCAT
257351 257401 257451 257501	TCTTGAGCTC ACAGGOGTGA CTTTATTTAA ACATGTACAC	GAGATAGAGT AGGCAGTCTG GCCACTGCCC TATCTTCATA ACACATAATA	TTCACCATGT CCCACCTCAG CCAACCAACT TCAGCGATAG AATATCATCC	TGCCCAGGCT CCTCCCAAAC CACACATACT AACTTGATGT CTTTGACAAT	GGTCTGGAAC TGCTGGGATT TTAAGTGGGA GGTTTTCCAT ACTATAAGAA
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257351 257401 257451 257501 257551 257601	TCTTGAGCTC ACAGGOGTGA CTTTATTTAA ACATGTACAC TTAGTGCCTT GTTCTTTCTA	GAGATAGAGT AGGCAGTCTG GCCACTGCCC TATCTTCATA ACACATAATA TATCATTGGA GAGGAATTTT	TTCACCATGT CCCACCTCAG CCAACCAACT TCAGCGATAG AATATCATCC TATTCTCTTA ATCAAAAAAT	TIGCCAGGCT CCTCCCAAAC CACACATACT AACTTGATGT CTTTGACAAT AAATCATTAA TTATAAGGTG	GGTCTGGAAC TGCTGGGATT TTAAGTGGGA GGTTTTCCAT ACTATAAGAA CAGAAAATGT TTTGAACATG
257351 257401 257451 257501 257551 257601 257651	TCTTGAGCTC ACAGGOGTGA CTTTATTTAA ACATGTACAC TTAGTGCCTT GTTCTTTCTA TGATTACAAA	GAGATAGAGT AGGCAGTCTG GCCACTGCCC TATCTTCATA ACACATAATA TATCATTGGA GAGGAATTTT GGAAAGGGAA	TTCACCATGT CCCACCTCAG CCAACCAACT TCAGCGATAG AATATCATCC TATTCTCTTA ATCAAAAAAT AGCTAATAAA	TIGCCAGGCT CCTCCCAAAC CACACATACT AACTTIGATGT CTTTIGACAAT AAATCATTIAA TTATAAGGTIG GAACTTAGTA	GGTCTGGAAC TGCTGGGATT TTAAGTGGGA GGTTTTCCAT ACTATAAGAA CAGAAAATGT TTTGAACATG GTATAACCAT
257351 257401 257451 257501 257551 257601 257651 257701	TCTTGAGCTC ACAGGOGTGA CTTTATTTAA ACATGTACAC TTAGTGCCTT GTTCTTTCTA TGATTACAAA GGCCAGGCAC	GAGATAGAGT AGGCAGTCTG GCCACTGCCC TATCTTCATA ACACATAATA TATCATTGGA GAGGAATTTT GGAAAGGGAA AGTGACTCCT	TTCACCATGT CCCACCTCAG CCAACCAACT TCAGCGATAG AATATCATCC TATTCTCTTA ATCAAAAAAT AGCTAATAAA GCCTGTAATC	TIGCCAGGCT CCTCCCAAAC CACACATACT AACTTIGATGT CTTTIGACAAT AAATCATTAA TTATAAGGTIG GAACTTAGTA CCCGCACTTT	GGTCTGGAAC TGCTGGGATT TTAAGTGGGA GGTTTTCCAT ACTATAAGAA CAGAAAATGT TTTGAACATG GTATAACCAT AGGAGGCTGA
257351 257401 257451 257501 257551 257601 257651 257701 257751	TCTTGAGCTC ACAGGOGTGA CTTTATTTAA ACATGTACAC TTAGTGCCTT GTTCTTTCTA TGATTACAAA GGCCAGGCAC GGCGGGAAGA	GAGATAGAGT AGGCAGTCTG GCCACTGCCC TATCTTCATA ACACATAATA TATCATTIGGA GAGGAATTTT GGAAAGGGAA AGTGACTCCT TCACTTGAGG	TTCACCATGT CCCACCTCAG CCAACCAACT TCAGCGATAG AATATCATCC TATTCTCTTA ATCAAAAAAT AGCTAATAAA GCCTGTAATC TAAGGCATTC	TIGCCCAGGCT CCTCCCAAAC CACACATACT AACTTIGATGT CTTTIGACAAT AAATCATTAA TTATAAGGTG GAACTTAGTA CCCGCACTTT GAGACCAGCC	GGTCTGGAAC TGCTGGGATT TTAAGTGGGA GGTTTTCCAT ACTATAAGAA CAGAAAATTGT TTTGAACATG GTATAACCAT AGGAGGCTGA TGGCCAACCT
257351 257401 257451 257501 257551 257601 257651 257701 257751 257801	TCTTGAGCTC ACAGGOGTGA CTTTATTTAA ACATGTACAC TTAGTGCCTT GTTCTTTCTA TGATTACAAA GGCCAGGCAC GGCGGGAAGA GGTGAAATCT	GAGATAGAGT AGGCAGTCTG GCCACTGCCC TATCTTCATA ACACATAATA TATCATTGGA GAGGGAATTTT GGAAAGGGAA AGTGACTCCT TCACTTGAGG CATCTTTACT	TTCACCATGT CCCACCTCAG CCAACCAACT TCAGCGATAG AATATCATCC TATTCTCTTA ATCAAAAAAT AGCTAATAAA GCCTGTAATC TAAGGCATTC AAAAATACAA	TIGCCCAGGCT CCTCCCAAAC CACACATACT AACTTIGATGT CTTTIGACAAT AAATCATTAA TTATAAGGTG GAACTTAGTA CCCGCACTTT GAGACCAGCC AAATTAGCTG	GGTCTGGAAC TGCTGGGATT TTAAGTGGGA GGTTTTCCAT ACTATAAGAA CAGAAAATGT TTTGAACATG GTATAACCAT AGGAGGCTGA TGGCCAACCT GGCATGGTGG
257351 257401 257451 257501 257551 257601 257651 257701 257751 257801 257851	TCTTGAGCTC ACAGGOGTGA CTTTATTTAA ACATGTACAC TTAGTGCCTT GTTCTTTCTA TGATTACAAA GGCCAGGCAC GGCGGGAAGA GGTGAAATCT CAAGTGCCTG	GAGATAGAGT AGGCAGTCTG GCCACTGCCC TATCTTCATA ACACATAATA TATCATTGGA GAGGAATTTT GGAAAGGGAA AGTGACTCCT TCACTTGAGG CATCTTTACT TAATCCCAGC	TTCACCATGT CCCACCTCAG CCAACCAACT TCAGCGATAG AATATCATCC TATTCTCTTA ATCAAAAAAT AGCTAATAAA GCCTGTAATC TAAGGCATTC AAAAATACAA TACTCGGCAG	TIGCCCAGGCT CCTCCCAAAC CACACATACT AACTTIGATGT CTTTIGACAAT AAATCATTAA TTATAAGGTG GAACTTAGTA CCCGCACTTT GAGACCAGCC AAATTAGCTG AGTGAGGCAC AGTGAGGCAC	GGTCTGGAAC TGCTGGGATT TTAAGTGGGA GGTTTTCCAT ACTATAAGAA CAGAAAATGT TTTGAACCAT GTATAACCAT AGGAGGCTGA TGGCCAACCT GGCATGGTGG GAGAATCGCT
257351 257401 257451 257501 257551 257601 257651 257701 257751 257801 257851 257901	TCTTGAGCTC ACAGGOGTGA CTTTATTTAA ACATGTACAC TTAGTGCCTT GTTCTTTCTA TGATTACAAA GGCCAGGCAC GGCGGGAAGA GGTGAAATCT CAAGTGCCTG CGAACCCAGG	GAGATAGAGT AGGCAGTCTG GCCACTGCCC TATCTTCATA ACACATAATA TATCATTGGA GAGGAATTTT GGAAAGGGAA AGTGACTCCT TCACTTGAGG CATCTTTACT TAATCCCAGC AGGCAGAGGT	TTCACCATGT CCCACCTCAG CCAACCAACT TCAGCGATAG AATATCATCC TATTCTCTTA ATCAAAAAAT AGCTAATAAA GCCTGTAATC TAAGGCATTC AAAAATACAA TACTCGGCAG CACAGTAAGC	TIGCCCAGGCT CCTCCCAAAC CACACATACT AACTTGATGT CTTTGACAAT AAATCATTAA TTATAAGGTG GAACTTAGTA CCCGCACTTT GAGACCAGCC AAATTAGCTG AGTGAGGCAC CACGATCATG	GGTCTGGAAC TGCTGGGATT TTAAGTGGGA GGTTTTCCAT ACTATAAGAA CAGAAAATGT TTTGAACATG GTATAACCAT AGGAGGCTGA TGGCCAACCT GGCATGGTGG GAGAATCGCT CCACTGCACT
257351 257401 257451 257501 257551 257601 257651 257701 257751 257801 257851 257901 257951	TCTTGAGCTC ACAGGOGTGA CTTTATTTAA ACATGTACAC TTAGTGCCTT GTTCTTTCTA TGATTACAAA GGCCAGGCAC GGCGGGAAGA GGTGAAATCT CAAGTGCCTG CGAACCCAGG CCAGCCTGGG CCAGCCTGGG	GAGATAGAGT AGGCAGTCTG GCCACTGCCC TATICTTCATA ACACATAATA TATCATTGGA GAGGAATTTT GGAAAGGGAA AGTGACTCCT TCACTTGAGG CATCTTTACT TAATCCCCAGC AGGCAGAGGT CGACAGAGTG CGACAGAGTG	TTCACCATGT CCCACCTCAG CCAACCAACT TCAGCGATAG AATATCATCC TATTCTCTTA ATCAAAAAAT AGCTAATAAA GCCTGTAATC TAAGGCATTC AAAAATACAA TACTCGGCAG CACAGTAAGC AGACTCTGTC	TIGCCCAGGCT CCTCCCAAAC CACACATACT AACTTGATGT CTTTGACAAT AAATCATTAA TTATAAGGTG GAACTTAGTA CCCGCACTTT GAGACCAGCC AAATTAGCTG AGTGAGGCAC CACGATCATG TCAGAAAAAA	GGTCTGGAAC TGCTGGGATT TTAAGTGGGA GGTTTTCCAT ACTATAAGAA CAGAAAATGT TTTGAACATG GTATAACCAT AGGAGGCTGA TGGCCAACCT GGCATGGTGG GAGAATCGCT CCACTGCACT CCACTGCACT
257351 257401 257451 257501 257551 257601 257651 257701 2577801 257851 257901 257951 258001	TCTTGAGCTC ACAGGCGTGA CTTTATTTAA ACATGTACAC TTAGTGCCTT GTTCTTTCTA TGATTACAAA GGCCAGGCAC GGCGGGAAGA GGTGAAATCT CAAGTGCCTG CGAACCCAGG CCAGCCTGGG AACAAAACTT	GAGATAGAGT AGGCAGTCTG GCCACTGCCC TATCTTCATA ACACATAATA TATCATTGGA GAGGAATTTT GGAAAGGGAA AGTGACTCCT TCACTTGAGG CATCTTTACT TAATCCCAGC AGGCAGAGGT CGACAGAGTG AGTATGTAAC	TTCACCATGT CCCACCTCAG CCACCTCAG CCACCAACT TCAGCGATAG AATATCATCC TATTCTCTTA ATCAAAAAAT AGCTAATAAA GCCTGTAATC TAAGGCATTC AAAAATACAA TACTCGGCAG CACAGTAAGC AGACTCTGTC TATTTATTTA	TIGCCCAGGCT CCTCCCAAAC CACACATACT AACTTGATGT CTTTGACAAT AAATCATTAA TTATAAGGTG GAACTTAGTTA CCCGCACTTTT GAGACCAGCC AAATTAGCTG AGTGAGGCAC CACGATCATG TCAGAAAAAA GCTATTTTTC	GGTCTGGAAC TGCTGGGATT TTAAGTGGGA GGTTTTCCAT ACTATAAGAA CAGAAAATGT TTTGAACATG GTATAACCAT AGGAGGCTGA TGGCCAACCT GGCATGGTGG GAGAATCGCT CCACTGCACT CAACAACAAC AGGCACATTT
257351 257401 257451 257501 257551 257601 257651 257701 2577801 257851 257901 257951 258001	TCTTGAGCTC ACAGGOGTGA CTTTATTTAA ACATGTACAC TTAGTGCCTT GTTCTTTCTA TGATTACAAA GGCCAGGCAC GGCGGGAAGA GGTGAAATCT CAAGTGCCTG CGAACCCAGG CCAGCCTGGG CCAGCCTGGG	GAGATAGAGT AGGCAGTCTG GCCACTGCCC TATCTTCATA ACACATAATA TATCATTGGA GAGGAATTTT GGAAAGGGAA AGTGACTCCT TCACTTGAGG CATCTTTACT TAATCCCAGC AGGCAGAGGT CGACAGAGTG AGTATGTAAC	TTCACCATGT CCCACCTCAG CCACCTCAG CCACCAACT TCAGCGATAG AATATCATCC TATTCTCTTA ATCAAAAAAT AGCTAATAAA GCCTGTAATC TAAGGCATTC AAAAATACAA TACTCGGCAG CACAGTAAGC AGACTCTGTC TATTTATTTA	TIGCCCAGGCT CCTCCCAAAC CACACATACT AACTTGATGT CTTTGACAAT AAATCATTAA TTATAAGGTG GAACTTAGTTA CCCGCACTTTT GAGACCAGCC AAATTAGCTG AGTGAGGCAC CACGATCATG TCAGAAAAAA GCTATTTTTC	GGTCTGGAAC TGCTGGGATT TTAAGTGGGA GGTTTTCCAT ACTATAAGAA CAGAAAATGT TTTGAACATG GTATAACCAT AGGAGGCTGA TGGCCAACCT GGCATGGTGG GAGAATCGCT CCACTGCACT CAACAACAAC AGGCACATTT
257351 257401 257451 257501 257551 257601 257651 257701 2577801 257851 257801 257901 257951 258001 258051	TCTTGAGCTC ACAGGCGTGA CTTTATTTAA ACATGTACAC TTAGTGCCTT GTTCTTTCTA TGATTACAAA GGCCAGGCAC GGCGGGAAGA GGTGAAATCT CAAGTGCCTG CGAACCCAGG CCAGCCTGGG AACAAAACTT	GAGATAGAGT AGGCAGTCTG GCCACTGCCC TATCTTCATA ACACATAATA TATCATTGGA GAGGAATTTT GGAAAGGGAA AGTGACTCCT TCACTTGAGG CATCTTTAACC TAATCCCAGG CATCTTTAACC AGGCAGAGGT CGACAGAGTG AGTATGTAAC GTGATTTTTT	TTCACCATGT CCCACCTCAG CCACCTCAG CCACCAACT TCAGCGATAG AATATCATCC TATTCTCTTA ATCAAAAAAT AGCTAATAAA GCCTGTAATC TAAGGCATTC AAAAATACAA TACTCGGCAG CACAGTAAGC AGACTCTGTC TATTTATTTA TTCAAACCTC	TIGCCCAGGCT CCTCCCAAAC CACACATACT AACTTGATGT CTTTGACAAT AAATCATTAA TTATAAGGTG GAACTTAGTA CCCGCACTTT GAGACCAGCC AAATTAGCTG AGTGAGGCAC CACGATCATG TCAGAAAAAA GCTATTTTTC TTTACCCTCT	GGTCTGGAAC TGCTGGGATT TTAAGTGGGA GGTTTTCCAT ACTATAAGAA CAGAAAATGT TTTGAACATG GTATAACCAT AGGAGGCTGA TGGCCAACCT GGCATGGTGG GAGAATCGCT CCACTGCACT CCACTGCACT CAACAACAAC AGGCACATTT TTGGTGGTAG
257351 257401 257451 257501 257551 257601 257651 257751 2577801 2577801 257851 257901 257951 258001 258051 258101	TCTTGAGCTC ACAGGCGTGA CTTTATTTAA ACATGTACAC TTAGTGCCTT GTTCTTTCTA TGATTACAAA GGCCAGGCAC GGGGGAAGA GGTGAAATCT CAAGTGCCTG CGAACCCAGG CCAGCCTGGG AACAAAACTT TAGAACAAAA	GAGATAGAGT AGGCAGTCTG GCCACTGCCC TATCTTCATA ACACATAATA TATCATTGGA GAGGAATTTT GGAAAGGGAA AGTGACTCCT TCACTTGAGG CATCTTTAATC CAGGCAGAGGT CGACAGAGGT AGTATGTAAC GTGATTTTT TCATATTCAT TCATATTCATC AGGCAGAGGT CGACAGAGTG AGTATTGTAAC GTGATTTTTT TCATATTCAT	TTCACCATGT CCCACCTCAG CCACCTCAG CCACCAACT TCAGCGATAG AATATCATCC TATTCTCTTA ATCAAAAAAT AGCTAATAAA GCCTGTAATC TAAGGCATTC AAAAATACAA TACTGGGCAG CACAGTAAGC AGACTCTGTC TATTTATTTA TTCAAACCTC AGAGGTCCAT	TIGCCAGGCT CCTCCCAAAC CACACATACT AACTTGATGT CTTTGACAAT AAATCATTAA TTATAAGGTG GAACTTAGTA CCCGCACTTT GAGACCAGCC AAATTAGCTG AGTGAGGCAC CACGATCATG TCAGAAAAAA GCTATTTTTC TTTACCCTCT ATGTGGTACA	GGTCTGGAAC TGCTGGGATT TTAAGTGGGA GGTTTTCCAT ACTATAAGAA CAGAAAATGT TTTGAACATG GTATAACCAT AGGAGGCTGA TGGCCAACCT GGCATGGTGG GAGAATCGCT CCACTGCACT CCACTGCACT CAACAACAAC AGGCACATTT TTGGTGGTAG TATGTTACTT
257351 257401 257451 257501 257551 257601 257651 257751 257751 257801 257801 257901 257951 258001 258101 258151	TCTTGAGCTC ACAGGCGTGA CTTTATTTAA ACATGTACAC TTAGTGCCTT GTTCTTTCTA TGATTACAAA GGCCAGGCAC GGCGGGAAGA GGTGAAATCT CAAGTGCCTG CGAACCCAGG CCAGCCTGGG AACAAAACTT TAGAACAAAA GAGACAGATT AAAACTTGTG	GAGATAGAGT AGGCAGTCTG GCCACTGCCC TATCTTCATA ACACATAATA TATCATTGGA GAGGAATTTT GGAAAGGGAA AGTGACTCCT TCACTTGAGG CATCTTTACT TAATCCCAGGCAGAGGT CGACAGAGTG AGTATTGTAAC GTGATTTTTT TCATATTCAT GTTGACACTG GTGACTCATTGAT GTTGACACTG	TTCACCATGT CCCACCTCAG CCACCTCAG CCACCAACT TCAGCGATAG AATATCATCC TATTCTCTTA ATCAAAAAAT AGCTAATAAA GCCTGTAATC TAAGGCATTC AAAAATACAA TACTCGGGCAG CACAGTAAGC AGACTCTGTC TATTTATTTA TTCAAACCTC AGAGGTCCAT TAGTGGGAAG	TIGCCAGGCT CCTCCCAAAC CACACATACT AACTTGATGT CTTTGACAAT AAATCATTAA TTATAAGGTG GAACTTAGTA CCCGCACTTT GAGACCAGCC AAATTAGCTG AGTGAGGCAC CACGATCATG TCAGAAAAAA GCTATTTTTC TTTACCCTCT ATGTGGTACA TAACAGTAGG	GGTCTGGAAC TGCTGGGATT TTAAGTGGGA GGTTTTCCAT ACTATAAGAA CAGAAAATGT TTTGAACATG GTATAACCAT AGGAGGCTGA TGGCCAACCT GGCATGGTGG GAGAATCGCT CCACTGCACT CCACTGCACT CAACAACAAC AGGCACATTT TTGGTGGTAG TATGTTACTT GTCACTACTG
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257351 257401 257451 257501 257551 257601 257651 257701 257751 257801 257851 258001 258051 258101 258151 258201 258251 258301	TICTIGAGCTIC ACAGGOGTIGA CTITIATITIAA ACATIGTACAC TTAGTIGCCTT GTTCTTTCTA TIGATTACAAA GGCCAGGCAC GGCGGGAAGA GGTGAAATCT CAAGTIGCCTIG CGAACCCAGG CCAGCCTIGGG AACAAAACTT TAGAACAAAA GAGACAGATT AAAACTTIGTIG ATATICTIGAG TTTTTIGTIGAG TTTTIGTIGAG TTTTIGGCATTC	GAGATAGAGT AGGCAGTCTG GCCACTGCCC TATCTTCATA ACACATAATA TATCATTIGGA GAGGGAATTTT GGAAAGGGAA AGTGACTCCT TCACTTGAGG CATCTTTACT TAATCCCAGC AGGCAGAGTG CGACAGAGTG AGTATTTAT TCATATTCAT GTTGACACTG GTGATTTT GAGGGAATTA ATACTGTAAT ATACTGTAAT ATACTGTAAT	TTCACCATGT CCCACCTCAG CCACCTCAG CCACCTAGT TCAGCGATAG AATATCATCC TATTCTCTTA ATCAAAAAAT AGCTAATAAA GCCTGTAATC TAAGGCATTC AAAAATACAA TACTCGGCAG CACAGTAAGC AGACTCTGTC TATTTATTTA TTCAAACCTC AGAGGTCCAT TAGTGGGAAG TCTAGTAGGT TATCTCTGTT TCTCTATCCT	TIGCCCAGGCT CCTCCCAAAC CACACTACT AACTTGATGT CTTTGACAAT AAATCATTAA TTATAAGGTG GAACTTAGTA CCCGCACTTT GAGACCAGCC AAATTAGCTG AGTGAGGCAC CACGATCATG TCAGAAAAAA GCTATTTTTC TTTACCCTCT ATGTGGTACA TAACAGTAGG ATGAGTAAGC AAGTAAGCTA AGGTAAGCTA GATTCTTGTG GATTCTTGTG ATGTGGTACA TAACAGTAGG ATGTAAGCTA AGGTAAGCTA GATTCTTGTG GATTCTTGTG ATGTGTACA TAACAGTAGG ATGTAAGCTA AGGTAAGCTA GATTCTTTGTG	GGTCTGGAAC TGCTGGGATT TTAAGTGGGA GGTTTTCCAT ACTATAAGAA CAGAAAATTGT TTTGAACATG GTATAACCAT AGGAGGCTGA TGGCCAACCT GGCATGGTGG GAGAATCSCT CCACTGCACT CCACTGCACT CAACAACAAC AGGCACATTT TTGGTGGTAG TATGTTACTT GTCACTACTT GTCACTACTT GTCACTACTT GTGACTACTT TTTTTTTTTT
257351 257401 257451 257501 257551 257601 257651 257701 257751 257801 257851 258001 258051 258101 258151 258201 258251 258301 258351	TICTIGAGCTIC ACAGGOGTIGA CTITATTTAA ACATGTACAC TTAGTIGCCTT GTTCTTTCTA TIGATTACAAA GGCCAGGCAC GGCGGGAAGA GGTGAAATCT CAAGTIGCCTIG CGAACCCAGG CCAGCCTIGGG AACAAAACTT TAGAACAAAA GAGACAGATT AAAACTTIGTIG ATATICTIAAAT TTTTTIGTIGAG TTTIGGCATTC TTIGTAGACAAA	GAGATAGAGT AGGCAGTCTG GCCACTGCCC TATCTTCATA ACACATAATA TATCATTIGGA GAGGGAATTTT GGAAAGGGAA AGTGACTCCT TCACTTGAGG CATCTTTACT TAATCCCAGC AGGCAGAGTG CGACAGAGTG AGTATTTAT TCATATTCAT GTTGACACTG GTGATTTTT GAGGGAATTA ATACTGTAAT ATACTGTAAT ATACTGTAAT ATACTGTAAAA	TTCACCATGT CCCACCTCAG CCACCTCAG CCACCTAGT TCAGCGATAG AATATCATCC TATTCTCTTA ATCAAAAAAT AGCTAATAAA GCCTGTAATC AAAAATACAA TACTCGGCAG CACAGTAAGC AGACTCTGTC TATTTATTTA TTCAAACCTC AGAGGTCCAT TAGTGGGCAG TCTAGTAGGT TATCTCTGTT TCTCTATCCT TCCCACTTGA	TIGCCCAGGCT CCTCCCAAAC CACACTACT AACTTGATGT CTTTGACAAT AAATCATTAA TTATAAGGTG GAACTTAGTA CCCGCACTTT GAGACCAGCC AAATTAGCTG AGTGAGGCAC CACGATCATG TCAGAAAAAA GCTATTTTTC TTTACCCTCT ATGTGGTACA TAACAGTAGG ATACAGTAGA AGGTAAGCTA GATTCTTGTG CATGATTCTA CATGATTCTA CATGATTCTA CATGATTCTA CATGATTCTA	GGTCTGGAAC TGCTGGGATT TTAAGTGGGA GGTTTTCCAT ACTATAAGAA CAGAAAATTGT TTTGAACATG GTATAACCAT AGGAGGCTGA TGGCCAACCT GGCATGGTGG GAGAATCGCT CCACTGCACT CCACTGCACT CCACTGCACT TTGGTGGTAG TATGTTACTT GTCACTACTT GTCACTACTT GTCACTACTT GTGACTACTT GTGACTACTT GTGACTACTT GTGACTACTT GTGACTACTT GTGACTACTT GTGACTACTT GTGACTACTT GTGACTACTT TTTTTTGCACA AATCAGAAAT
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257351 257401 257451 257501 257551 257601 257651 257701 257751 257801 257851 258001 258151 258101 258151 258251 258251 258301 258351 258401 258451 258601 258651 258601 258701 258851 258801 258851 258801 258851 258801 258851 258801 258851	TICTIGAGCTIC ACAGGOGTIGA CTITIATITIAA ACATIGTACAC TITAGTIGCCTT GTTICTITICTA TIGATTACAAA GGCCAGGCAC GGCGGGAAGA GGTGAAATCT CAAGTIGCCTIG CGAACCCAGG CCAGCCTIGGG AACAAAACTT TAGAACAAAA GAGACAGATT AAAACTTIGTIG ATATICTAAAT TITTTIGTIGAG TITTIGTAGACAA TICCTGAGAAT TICAGTATTT AAGAAGTTTT GGATTGTTIGT GGTTTTTTTT TIGCAGTGGCG TITTTTTTT TIGCAGTGGCG TITTTTTTTT TIGCAGTGGCG	GAGATAGAGT AGGCAGTCTG GCCACTGCCC TATCTTCATA ACACATAATA TATCATTIGAA GAGGAATTTT GGAAAGGGAA AGTIGACTCCT TAATCCCAGC AGGCAGAGGT CGACAGAGGT CGACAGAGT CGACAGAGT CGACACTG CCCTGATGTT TCACTGTAAT ATATTCAT GTTGACACTG CCCTGATGTT TGAGGGAATTA ATATTAAAAA AGAGATGTT TGAAAGAGAA ATACTGTAAT CATATACTGTAAT ATATTAAAAA AGAGATGTT TGAAAGAGAA ACTAAACTT GGTAATATTC ATAAAACAAG TTTTAGGCTA CACCCTCTAT TTATTTTGAGG CGCTCAGCCT GCTAATTTTT	TTCACCATGT CCCACCTCAG CCACCTCAG CCACCTCAG CCACCTCAG CCACCTCAG CCACCTACT TCAGCGATAG AATATCATCC TATTCTCTTA ATCAAAAAT AGCTAATAAA GCCTGTAATC TAAGGCATTC AAAAATACAA TACTCGGCAG CACAGTAAGC AGACTCTGTC TATTTATTTA TTCAAACCTC AGAGGTCCAT TAGTGGGAAG TCTCTATCCT TCCCACTTGA AAAAGATGAA AAGGATATTG TAAAATTATT TTTTTTTT	TIGCCAGGCT CCTCCCAAAC CACACTACT AACTTGATGT CTTTGACAAT AAATCATTAA TTATAAGGTG GAACTTAGTA CCCGCACTTT GAGACCAGCC AAATTAGCTG AGTGAGGCAC CACGATCATG TCAGAAAAAA GCTATTTTTC TTTACCCTCT ATGTGGTACA TAAACTAGA AAGTTAGTAGA AAGTTAGTAGA AAGTTAGTAGA TAAACTTAGA CATGATTCTTA CTAAAGCTAC TATTTAATTC TTTTATTTATC TAGGTCTCAT CTTTCTCTGT ATATAATCCT TCTCTCGCCT CCTCGGCCTCC TCGGGACTACA GTAGGACAGG	GGTCTGGAAC TGCTGGGATT TTAAGTGGGA GGTTTTCCAT ACTATAAGAA CAGAAAATGT TTTGAACATG GTATAACCAT AGGAGGCTGA TGGCCAACCT GGCATGGTGG GAGAATCGCT CCACTGCACT CCACTGCACT CAACAACAAC AGGCACATTT TTGGTGGTAG TATGTTACTT GTCACTACTT GTCACTACTT GTCACTACTT GTCACTACT CAACAACAAC AATCAGAAAT CTTAAAACAT CTTAAAACAT CTTCATTATA TGGTGTACCA TCAGTATCTC AAAGGTCTGG TGTGGAATCT CTTTTTTT CAGGCTGGAG CAGGTTCGCG GGCACCCGCC GGTTTCACTG

259001	GCCTCCCAAA	GTGCTGGGAT	TACAGGTGTG	AGCCACTGCG	CCTGGCCCTC
259051	CTCCTCTATT	TTTTTTTAC	AGCCCTTTAA	AAATGTAGAA	GCTGGCCAAG
250101	CACCCTCATT	CACACATGGT	<b>AGTTCCGGCA</b>	CTTTCCCACC	CAAGGTGGAC
233101	ACATTECTE	ATTOTCAGGAG	CTCAAGACCA	CCTTCCCAA	CATCCCAAAA
<b>523727</b>	AGATIGUTIG	AICCAGG	ACAAAAATTA	GCTCGGCAA	CALCATECA
259201	cocigiiici	ACAAAAAAA	ACAAAAATTA	GIIGGACAIG	GICACATGCA
259251	CCTGTAGTCC	CAGCTACTCA	<b>GGAGGCTGAG</b>	GTGGGTGGAT	TGCTTGAGCC
259301	CATGGGATCA	ACCCTGAGAT	<b>TGTGCCACTG</b>	CACTTCATCC	TGGGTGGCAG
250251	ACACTEAGAC	CCTGTCTCAA	<b>AGAAAATAGT</b>	AATAATAAAT	ΛΑΤΑΛΤΑΔΑΤ
233331	AGAGICAGAC	CCIGICION	707771701	AACTCCTCTA	TOTAL A A ATACC
259401	TAATAAAAAI	GIAGAAAIGA	TTCCAAGCTA	AAGIGCICIA	IGAAAA IAGG
259451	TTTGGCCCAC	TGGCTGTTTT	<b>GGGGCCTAGT</b>	TCTAGACCAA	GTTCTGCCCCC
259501	<b>ΔΔΔCTΔΑΤΤG</b>	TGTGCTTTGG	<b>GGTAGTTTGT</b>	<b>ATAATTGGTT</b>	TTATCTTCTC
250551	TOCCTATITI	ATTENACATAA	TCTAGTAGTC	ACTICATATG	TGAAGAATTT
233331	ATCAAATACC	TATATATTT	cmight	CTAATTTTAG	ATACACACTT
52300T	AIGAAAIACC	IAIAIAITIG	CITIGITIE	CIAATTTIAG	ATACACACTT
259651	TACTACAGAA	AATAATTTAG	TCATGTTAAG	HIGATIAAI	GCIAAGATIA
259701	GTATCATCTG	AGGTCAAGCT	<b>ATATGGCATG</b>	TGAATTCAGT	GTCAGAAAGT
259751	CTGAATTTGG	GICCTIGATT	<b>TGCTACTTAC</b>	<b>TAGACTICT</b>	GGTTGCAGGT
250901	AACCTICTICAA	ACTICACTT	TCTACTTCCT	GTTCATCAAA	TTGATGAAAT
233001	ANGCICIONA	ACTO GOTT	CTAAAATEC	TTTAATTATT	TTTAATICA
52382T	GACACIAACI	CIGCLIACCI	CTTAAAATTC	THATTATT	TITIAATIGA
259901	AATGTGAAAC	TAAGATACCG	TTATAAAGCA	CAAAACATTA	AAICAICAII
259951	AGGAGTCATT	CTTTTAAACT	<b>ACATGTTTTC</b>	ATAACTGAAT	TTCCCCCTTAT
260001	ΔΑΑΤΤΤΤΔΤΤ	ATGGAGAAAA	<b>AATTTTAATT</b>	TAAAAACCAC	TAACTAGTAA
260051	CCCCANTAAT	TOTTCATACT	<b>ATAGCATCTG</b>	GCAAATAGAC	ACTCACTICC
260101	TACTTATY	ACCTAACTCA	GTAGCTTTTC	CAACTACAAC	TTATACCTAC
<b>700101</b>	IAGLIAICIA	AUGIAAGICA	GIAGCITIC	CANCIADANC	TAIALLIAG
260151	GTTTAATTA	IATIGTICCT	TTCTAACTAA	CCAATGGTA	ICAMAIGCIC
260201	TCTGGAATAT	AGATAATGAA	<b>GCTCTTAACA</b>	TAGTGCCTCC	CACATAGTAG
260251	<b>GCACTCAGAA</b>	ATTTGCTGAC	TAATTCTAGG	ACTITCCATCT	GCCTAGGTAT
260301	TAGATIGHT	CATTTACCTC	TCAGCTGTAA	<b>ΔΤΔCΤGCΔΤΤ</b>	TITIGIGCTT
260301	AAACTATAAA	ACTICICE	TICCTICITA	CTTTCCATTT	CCTCCATTCC
260401	CTCAGTAGTT	CICITIAICI	CCTTTGTCAG	IGACAGAAGA	ATAMAMAGAA
260451	AAATATTCCC	TGGGGACTGG	<b>ATAGGITCIG</b>	TCCAATTGAA	AGATAGTTAA
260501	TTCCCAGTTT	ACTITITICI	TGACCCTTCT	TCCCTCAGTT	AGTTATTTCC
260551	AACAAAAGCC	ACTTGAAACC	<b>AAATITCATA</b>	TAATAAAAGC	TGTGCTTTGG
			GGGGAGAAGG		
<b>50002T</b>	IAGAAAICIA	AGAIGGAIII	TTCAGTTTTA	HIGGITIG	GITATACAC
260701	AGTTTAAGGG	GGGAAGAAAA	CAGAAATAAC	HAGIAÇAĞI	ACTITICAAA
260751	TCTAGCTGTA	CATCAGAATC	<b>ACCAGATAAG</b>	CTTTGAAAAA	CCAAGGATTT
260801	CCTGGCCATG	AACCAGACTT	<b>ATTAAATCAG</b>	AATCTTGGAG	GGGGTCAGAG
260851	CTATCAATCT	ATAATTTCAG	<b>AAGATTCAGC</b>	CAGGTTTGAG	AACCAGTCAG
260001	TACCATICETT	TTTAGAGTAA	GACAGATGTG	ACTITICADAT	CIGITATIC
200901	TACCAIGGIT	CCTATCAAT	TTCAGCAATT	TATTTAACCA	CCCTTCAAAA
<b>50032T</b>	IACTIACIAC	CIGIAIGAAI	TAAACCTTC	IATTIAACCA	CCCTTC
261001	AAGTAAAGGT	AATACAGGIA	GTAAAGCTTC	ALLICALIGA	GGIATTTIGA
261051	GATTAAATGA	AATAATATAA	CATGTAAATG	CTTGCTACAT	AACAATCACT
261101	CAGTAAATCA	TIGITIATIG	TTTTACATGA	TIGIATIATC	ATTTTCTGAC
261151	AGATIGTATT	TCCTTAGGAA	AAAAGTTAGA	CTAAATTTAA	ATTTTAAATA
261201	CAATTCTTTA	AAATAGAACG	TGAATAAAAG	TITATTICAT	CACACTICTCA
201201	GATICITIA	AMIAGMICG	CATTATOR	ATTEMATICAL	TACAAATATT
<b>50152T</b>	AATTAGTTAT	GCIACAIGIG	CATTATCAGC	ALITIALIAA	IAGAVATATG
261301	CAGGTATAGA	GTATTCACTC	TGTAGTTTC	TTACAAGACT	TGACACTTTT
261351	TAGAGTATTA	TGTACATGTT	GCACATAGGC	CAAGATGATA	GTCACATTCA
261401	TTTGGCAAAA	ACTATTTAGA	TTTCTAATCT	4464644	
				AACACAAIAA	AAGAAAAAIG
ムリエヤノエ		ΔΩΤΔΤΔΛΔΛΤ			
261501	CCCCCAACCT	AGTATAAAAT	TTTTTATGT	TGGCTGCTTG	ATTTACATGA
261501	GGCCCAACCT	GTTTTCTT	GTTGTTAGT	TIGGETIGETTITT	ATTTACATGA TGAGATAGGG
261551	GGCCCAACCT	GGTTTTTCTT	GTTIGITAGT TGGGATGTGG	TGGCTGCTTG TTTGTTTTTT TGGCATGATC	ATTTACATGA TGAGATAGGG TCAGCTCACT
261551 261601	GGCCCAACCT TCTGGCTCTG GCAGCCTCCA	GGTTTTTCTT TCACACAGGC CCTCCCAGAC	TTTTTATGT GTTTGTTAGT TGGGATGTGG TCAAGCCATC	TGGCTGCTTG TTTGTTTTTT TGGCATGATC CTCCCACCCC	ATTTACATGA TGAGATAGGG TCAGCTCACT AGCCTCCTGA
261551 261601 261651	GGCCCAACCT TCTGGCTCTG GCAGCCTCCA ATAGCTGGGA	GGTTTTTCTT TCACACAGGC CCTCCCAGAC CTACAGACAT	TTTTTATGT GTTTGTTAGT TGGGATGTGG TCAAGCCATC TCACCACCAT	TIGGCTGCTTG TITIGTTTTTT TIGGCATGATC CTCCCACCCC GCCCAGCTTG	ATTTACATGA TGAGATAGGG TCAGCTCACT AGCCTCCTGA CTTATTTATT
261551 261601 261651	GGCCCAACCT TCTGGCTCTG GCAGCCTCCA ATAGCTGGGA	GGTTTTTCTT TCACACAGGC CCTCCCAGAC CTACAGACAT	TTTTTATGT GTTTGTTAGT TGGGATGTGG TCAAGCCATC TCACCACCAT	TIGGCTGCTTG TITIGTTTTTT TIGGCATGATC CTCCCACCCC GCCCAGCTTG	ATTTACATGA TGAGATAGGG TCAGCTCACT AGCCTCCTGA CTTATTTATT
261551 261601 261651 261701	GGCCCAACCT TCTGGCTCTG GCAGCCTCCA ATAGCTGGGA CATTCATTCA	GGTTTTTCTT TCACACAGGC CCTCCCAGAC CTACAGACAT TTCATTCATT	TTTTTATGT GTTTGTTAGT TGGGATGTGG TCAAGCCATC TCACCACCAT CATTCATTCA	TIGGCTGCTTG TITIGTTTTTT TIGGCATGATC CTCCCACCCC GCCCAGCTTG TTCATTTATG	ATTTACATGA TIGAGATAGGG TICAGCTICACT AGCCTICCTGA CITTATTTATT GTAGAGATGG
261551 261601 261651 261701 261751	GGCCCAACCT TCTGGCTCTG GCAGCCTCCA ATAGCTGGGA CATTCATTCA GGTCTTGCCA	GGTTTTTCTT TCACACAGGC CCTCCCAGAC CTACAGACAT TTCATTCATT TGTTGCCCAG	TTTTTATGT GTTTGTTAGT TGGGATGTGG TCAAGCCATC TCACCACCAT CATTCATTCA ACTGGTCTTG	TIGGCTIGCTTIG TITIGTTTTTT TIGGCATGATC CTCCCACCCC GCCCAGCTTIG TTCATTTATIG AACTICCTIGGG	ATTTACATGA TIGAGATAGGG TICAGCTICACT AGCCTICCTIGA CITATTTATT GTAGAGATIGG CTICAAGTIGAT
261551 261601 261651 261701 261751 261801	GGCCCAACCT TCTGGCTCTG GCAGCCTCCA ATAGCTGGGA CATTCATTCA GGTCTTGCCA CCTCCCAACT	GGTTTTTCTT TCACACAGGC CCTCCCAGAC CTACAGACAT TTCATTCATT TGTTGCCCAG TGGCTTCCCA	TTTTTATGT GTTTGTTAGT TGGGATGTGG TCAAGCCATC TCACCACCAT CATTCATTCA ACTGGTCTTG AAGTGTGGGG	TIGGCTGCTTG TITIGTTTTTT TIGGCATGATC CTCCCACCCC GCCCAGCTTG TTCATTTATG AACTCCTGGG ATTATAGGCG	ATTTACATGA TIGAGATAGGG TICAGCTICACT AGCCTICCTIGA CITTATTTATT GTAGAGATGG CTICAAGTGAT TIGAGCCACCA
261551 261601 261651 261701 261751 261801 261851	GGCCCAACCT TCTGGCTCTG GCAGCCTCCA ATAGCTGGGA CATTCATTCA GGTCTTGCCA CCTCCCAACT TACCTGGCCC	GGTTTTTCTT TCACACAGGC CCTCCCAGAC CTACAGACAT TTCATTCATT TGTTGCCCAG TGGCTTCCCA CGACCTGATT	TTTTTATGT GTTIGTTAGT TGGGATGTGG TCAAGCCATC TCACCACCAT CATTCATTCA ACTGGTCTTG AAGTGTGGGG TTTTTTTAA	TIGGCTIGCTTIG TITIGTTTTTT TIGGCATGATC CTCCCACCCC GCCCAGCTTIG TITCATTTATIG AACTICCTIGGG ATTATAGGCG ACTAAAGCCA	ATTTACATGA TGAGATAGGG TCAGCTCACT AGCCTCCTGA CITATTTATT GTAGAGATGG CTCAAGTGAT TGAGCCACCA TAACTAAGTA
261551 261601 261651 261701 261751 261801 261851 261901	GGCCCAACCT TCTGGCTCCA GCAGCCTCCA ATAGCTGGGA CATTCATTCA GGTCTTGCCA CCTCCCAACT TACCTGGCCC AAGGGAAGCT	GGTTTTCTT TCACACAGGC CCTCCCAGAC CTACAGACAT TTCATTCATT TGTTGCCCAG TGGCTTCCCA CGACCTGATT GGTGTATGTA	TTTTTATGT GTTIGTTAGT TGGGATGTGG TCAAGCCATC TCACCACCAT CATTCATTCA ACTGGTCTTG AAGTGTGGGG ATTTTTTTAA AAAATATGAG	TIGGCTIGCTTIG TITIGTTTTTT TIGGCATGATC CTCCCACCCC GCCCAGCTTIG TITCATTTATIG AACTCCTIGGG ATTATAGGCG ACTAAAGCCA ATATACATGT	ATTTACATGA TGAGATAGGG TCAGCTCACT AGCCTCCTGA CTTATTTATT GTAGAGATGG CTCAAGTGAT TGAGCCACCA TAACTAAGTA TGATTTTAGC
261551 261601 261651 261701 261751 261801 261851 261901 261951	GGCCCAACCT TCTGGCTCCA ATAGCTGGGA CATTCATTCA GGTCTTGCCA CCTCCCCAACT TACCTGGCCC AAGGGAAGCT GAACATTTAG	GGTTTTCTT TCACACAGGC CCTCCCAGAC CTACAGACAT TTCATTCATT TGTTGCCCAG TGGCTTCCCA CGACCTGATT GGTGTATGTA GTTTCTCTGA	TTTTTATGT GTTIGTTAGT TIGGGATGTGG TCAAGCCATC TCACCACCAT CATTCATTCA ACTGGTCTTG AAGTGTGGGG TTTTTTTAA AAAATATGAG AAATCTGATA	TIGGCTIGCTTIG TITIGTTTTTT TIGGCATGATC CTCCCACCCC GCCCAGCTTIG TTCATTTATIG AACTCCTIGGG ACTIATAGGCG ACTIATAGGCG ACTIATAGGCCA ATATACATIGT TICAAATAACT	ATTTACATGA TGAGATAGGG TCAGCTCACT AGCCTCCTGA CTTATTTATT GTAGAGATIGG CTCAAGTGAT TGAGCCACCA TAACTAAGTA TGATTTTACC CTACCTGAAA
261551 261601 261651 261701 261751 261801 261851 261901 261951	GGCCCAACCT TCTGGCTCCA ATAGCTGGGA CATTCATTCA GGTCTTGCCA CCTCCCCAACT TACCTGGCCC AAGGGAAGCT GAACATTTAG	GGTTTTCTT TCACACAGGC CCTCCCAGAC CTACAGACAT TTCATTCATT TGTTGCCCAG TGGCTTCCCA CGACCTGATT GGTGTATGTA GTTTCTCTGA	TTTTTATGT GTTIGTTAGT TIGGGATGTGG TCAAGCCATC TCACCACCAT CATTCATTCA ACTGGTCTTG AAGTGTGGGG TTTTTTTAA AAAATATGAG AAATCTGATA	TIGGCTIGCTTIG TITIGTTTTTT TIGGCATGATC CTCCCACCCC GCCCAGCTTIG TTCATTTATIG AACTCCTIGGG ACTIATAGGCG ACTIATAGGCG ACTIATAGGCCA ATATACATIGT TICAAATAACT	ATTTACATGA TGAGATAGGG TCAGCTCACT AGCCTCCTGA CTTATTTATT GTAGAGATIGG CTCAAGTGAT TGAGCCACCA TAACTAAGTA TGATTTTACC CTACCTGAAA
261551 261601 261651 261701 261751 261801 261851 261901 261951 262001	GGCCCAACCT TCTGGCTCCA ATAGCTGGGA CATTCATTCA GGTCTTGCCA CCTCCCCAACT TACCTGGCCC AAGGGAAGCT GAACATTTAG CAAATGATAC	GGTTTTCTT TCACACAGGC CCTCCCAGAC CTACAGACAT TTCATTCATT TGTTGCCCAG TGGCTTCCCA CGACCTGATT GGTGTATGTA TGTTCTCTGA TGGTCTGTT	TTTTTATGT GTTIGTTAGT TIGGGATGTGG TCAAGCCATC TCACCACCAT CATTCATTCA ACTIGGTCTTG AAGTGTGGGG TTTTTTTTTAA AAAATATGAG AAATCTGATA TGTGTTAAAA	TIGGCTIGCTTIG TITIGTTTTTT TIGGCATGATC CTCCCACCCC GCCCAGCTTIG TTCATTTATIG AACTCCTIGGG ATTATAGGCG ACTAAAGCCA ATATACATGT TCAAATAACT TAAGTATCTA	ATTTACATGA TGAGATAGGG TCAGCTCACT AGCCTCCTGA CTTATTTATT GTAGAGATGG CTCAAGTGAT TGAGCCACCA TAACTAAGTA TGATTTTAGC CTACCTGAAA TACACACTAC
261551 261601 261651 261701 261751 261801 261851 261901 261951 262001 262051	GGCCCAACCT TCTGGCTCCA ATAGCTGGGA CATTCATTCA GGTCTTGCCA CCTCCCCAACT TACCTGGCCC AAGGGAAGCT GAACATTTAC CAAATGATTTG	GGTTTTICTT TCACACAGGC CCTCCCAGAC CTACAGACAT TTCATTCATT TGTTGCCCAG TGGCTTCCCA CGACCTGATT GGTGTATGTA TGTTCTTCAT TGTTCTTCTTCAT TGTTCTTCTTCAT TGGTCTTTTTTCTTCAT TGGTCTTTTTTTTTT	TTTTTATGT GTTIGTTAGT TGGGATGTGG TCAAGCCATC TCACCACCAT CATTCATTCA ACTGGTCTTG AAGTGTGGGG TTTTTTTTTT	TIGGTTGCTTG TITIGTTTTTT TIGGCATGATC CTCCCACCCC GCCCAGCTTG TTCATTTATG AACTCCTGGG ATTATAGGCG ACTAAAGCCA ATATACATGT TCAAATAACT TAAGTATCTA TCTTTTAAAA	ATTTACATGA TGAGATAGGG TCAGCTCACT AGCCTCCTGA CTTATTTATT GTAGAGATGG CTCAAGTGAT TGAGCCACCA TAACTAAGTA TGATTTTACC CTACCTGAAA TACACCTAC ATATTTTTTA
261551 261601 261651 261701 261751 261801 261851 261901 262001 262001 262051 262101	GGCCCAACCT TCTGGCTCCA ATAGCTGGGA CATTCATTCA GGTCTTGCCA CCTCCCCAACT TACCTGGCCC AAGGGAAGCT GAACATTTAG CAAATGATTTG GACTTTTATG GACTTTTATG	GGTTTTICTT TCACACAGGC CCTCCCAGAC CTACAGACAT TTCATTCATT TGTTGCCCAG TGGCTTCCCA CGACCTGATT GGTGTATGTA GTTTCTTCTGA TGGTCTGTTT GCATTCTAAG TTTGTACATA	TTTTTATGT GTTTGTTAGT TGGGATGTGG TCAAGCCATC TCACCACCAT CATTCATTCA ACTGGTCTTG AAGTGTGGGG TTTTTTTTTAA AAAATATGAG AAATCTGATA TGTGTTAAAA TATTCTGAGAA TTTTGAGAAA	TIGGCTIGCTTIG TITIGTTTTTT TIGGCATGATC CTCCCACCCC GCCCAGCTTIG TTCATTTATIG AACTCCTIGGG ATTATAGGCG ACTAAAGCCA ATATACATGT TCAAATAACT TAAAGTATCTA ATAAGTCTGA ATAAGTCTGA	ATTTACATGA TGAGATAGGG TCAGCTCACT AGCCTCCTGA CTTATTTATT GTAGAGATGG CTCAAGTGAT TGAGCCACCA TAACTAAGTA TGATTTTAGC CTACCTGAAA TACACCTAC ATATTTTTTA TTGTGGTTCA
261551 261601 261651 261701 261751 261801 261851 261901 262001 262051 262101 262151	GGCCCAACCT TCTGGCTCCA ATAGCTGGGA CATTCATTCA GGTCTTGCCA CCTCCCAACT TACCTGGCCC AAGGGAAGCT GAACATTTAG CAAATGATAC TATGATTTTTG GACTTTTATG TGTTCCACTC	GGTTTTICTT TCACACAGGC CCTCCCAGAC CTACAGACAT TTCATTCATT TGTTGCCCAG TGGCTTCCCA CGACCTGATT GGTTATGTA GTTTCTCTGA TGGTCTGTTT GCATTCTAAG TTTGTACATA CTCATACTTT	TTTTTATGT GTTTGTTAGT TGGGATGTGG TCAGCCATC TCACCACCAT CATTCATTCA ACTGGTCTTG AAGTGTGGGG TTTTTTTTAA AAAATATGAG AAATCTGATAAA TGTGTTAAAA TATTCTGAGAA TCTAAAGTGC	TIGGCTIGCTTIG TITIGTTTTTT TIGGCATGATC CTCCCACCCC GCCCAGCTTIG TTCATTTATIG AACTCCTGGG ATTATAGGCG ACTAAAGCCA ATATACATGT TCAAATAACT TAAAGTATCT TAAAGTATCTGA ATAAGTCTGA TIGTCCGACTT	ATTTACATGA TGAGATAGGG TCAGCTCACTGA CTTATTTATT GTAGAGATGG CTCAAGTGAT TGAGCCACCA TAACTAAGTA TGATTTTAGC CTACCTGAAA TACACACTAC ATATTTTTA ATTGTGGTTCA AAGAAGAAAA
261551 261601 261651 261701 261751 261801 261851 261901 262001 262051 262101 262151 262201	GGCCCAACCT TCTGGCTCCA ATAGCTGGGA CATTCATTCA GGTCTTGCCA CCTCCCAACT TACCTGGCCC AAGGGAAGCT GAACATTTAG CAATGATATG GACTTTTATG GACTTTTATG GACTTTTATG ATCTTTTGCCA ATCTTTTTGCC	GGTTTTICTT TCACACAGGC CCTCCCAGAC CTACAGACAT TTCATTCATT TGTTGCCCAG TGGCTTCCCA CGACCTGATT GGTGTATGTA TGTTCTCTGA TGGTCTGTTT GCATTCTACAT TGCATACTTT CAATGTTTTG CATGTTTTTG CATGTTTTTTTTTT	TTTTTATGT GTTTGTTAGT TGGGATGTGG TCAGCCATC TCACCACCAT CATTCATTCA ACTGGTCTTG AAGTGTGGGG TTTTTTTTAA AAAATATGAG AAATCTGATAAA TGTGTTAAAA TATTCTGAGA TTTTGAGAAA TCTAAAGTGC GAATTGTTCT	TIGGTIGCTTG TITIGTTTTTT TIGGCATGATC CTCCCACCCC GCCCAGCTTG TTCATTTATG AACTCCTGGG ATTATAGGCG ACTAAAGCCA ATATACATGT TCAAATAACT TAAGTATCTT TAAGTATCTGA TIGTCCGACTT ATGATATTTC	ATTTACATGA TGAGATAGGG TCAGCTCACTGA CTTATTTATT GTAGAGATGG CTCAAGTGAT TGAGCCACCA TAACTAAGTA TGATTTTAGC CTACCTGAAA TACACACTAC ATATTTTTA TIGTGGTTCA AAGAAGAAAA TGCCAGTTAT
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261551 261601 261651 261701 261751 261801 261951 262001 262051 262101 262151 262201 262251	GGCCCAACCT TCTGGCTCTG GCAGCCTCCA ATAGCTGGGA CATTCATTCA GGTCTTGCCA CCTCCCAACT TACCTGGCCC AAGGGAAGCT GAACATTTAG CAAATGATAC TATGATTTTG GACTTTTATG TGTTCCACTC ATCTTTTGCACTC ATCTTTTTGCACTC	GGTTTTICTT TCACACAGGC CCTCCCAGAC CTACAGACAT TTCATTCATT TGTTGCCCAG TGGCTTCCCA CGACCTGATT GGTGTATGTA GTTTCTCTGA TGGTCTGTT GCATTCTAAG TTTGTACATA CTCATACTTT CAATGTTTTG TGCATTCCTT	TTTTTATGT GTTTGTTAGT TGGGATGTGG TCAGCCATC TCACCACCAT CATTCATTCA ACTGGTCTTG AAGTGTGGGG TTTTTTTTAA AAAATATGAG AAATCTGATA TGTTTAAAA TATTCTGAGAA TTTTGAGAAA TCTAAAGTGC GAATTGTTCT TTAGTAAAGTTCT TTAGTAAAGTTCT TTAGTAAAGTTCT TTAGTAAAGTTCT TTAGTAAAGTTCT TTAGTAAAGTTCT	TIGGCTGCTTG TITIGTTTTTT TIGGCATGATC CTCCCACCCC GCCCAGCTTG TTCATTTATG AACTCCTGGG ATTATAGGCG ACTAAAGCCA ATATACATGT TCAAATAACT TAAGTATCTA TCTTTTAAAA ATAAGTCTGA TGTCCGACTT ATGATATTTC CCAGCATGAT CCAGCATGAT	ATTTACATGA TGAGATAGGG TCAGCTCCTGA CTTATTTATT GTAGAGATGG CTCAAGTGAT TGAGCCACCA TAACTAAGTA TGATTTTAGC CTACCTGAAA TACACACTAC ATATTTTTA TIGTGGTTCA AAGAAGAAAA TGCCAGTTAT CATTTCTTTT
261551 261601 261651 261701 261751 261801 261851 261901 262001 262051 262101 262151 262201 262251 262301	GGCCCAACCT TCTGGCTCTG GCAGCCTCCA ATAGCTGGGA CATTCATTCA GGTCTTGCCA CCTCCCAACT TACCTGGCCC AAGGGAAGCT GAACATTTAG CAAATGATAC TATGATTTTG GACTTTTATG TGTTCCACTC ATCTTTTTGCA TATTATAAAG TTTTTTTTTT	GGTTTTICTT TCACACAGGC CCTCCCAGAC CCTCCCAGAC CTACAGACAT TTCATTCATT TGTTGCCCAG TGGCTTCCCA CGACCTGATT GGTGTATGTA GTTTCTCTGA TGGTCTGTT GCATTCTAAG TTTGTACATA CTCATACTTT CAATGTTTTG TGCATTCCTT TTTTTTTTTT	TTTTTATGT GTTIGTTAGT TGGGATGTGG TCAAGCCATC TCACCACCAT CATTCATTCA ACTGGTCTTG AAGTGTGGGG TTTTTTTTAA AAAATATGAG AAATCTGATA TGTGTTAAAA TATTCTGAGA TTTTAAAGTGC GAATTGTTCT TTAAGTAAGGT TTGAGAACGGA	TIGGCTIGCTTIG TITIGTTTTTT TIGGCATGATC CTCCCACCCC GCCCAGCTTIG TITCATTTATIG AACTICCTIGGG ACTIANAGCCA ATATACATGT TCAAATAACT TAAGTATCTA TICTTTTAAAA ATAAGTCTIGA TIGTCCGACTTT ATGATATTTC CCCAGCATGAT GTCTCGCTCT	ATTTACATGA TGAGATAGGG TCAGCTCCTGA CTTATTTATT GTAGAGATGG CTCAAGTGAT TGAGCCACCA TAACTAAGTA TGATTTTAGC CTACCTGAAA TACACACTAC ATATTTTTTA TTGTGGTTCA AAGAAGAAAA TGCCAGTTAT CATTTCTTTT GTCGCCCAGG
261551 261601 261651 261701 261751 261801 261951 262001 262051 262101 262201 262201 262351 262301 262351	GGCCCAACCT TCTGGCTCCA ATAGCTGGGA CATTCATTCA GGTCTTGCCA CCTCCCAACT TACCTGGCCC AAGGGAAGCT GAACATTTAG CAAATGATAC TATGATTTTG GACTTTTATG TGTTCCACTC ATCTTTTATG TGTTCCACTC ATCTTTTTTTT CTTGGAGTGCA	GGTTTTICTT TCACACAGGC CCTCCCAGAC CCTCCCAGAC CTACAGACAT TTCATTCATT TGTTGCCCAG TGGCTTCCCA CGACCTGATT GGTGTATGTA GTTTCTCTGA TGGTCTGTT GCATTCTAAG TTTGTACATA CTCATACTTT CAATGTTTTGT TGCATTCCTT TGTGGCGGGGAT	TTTTTATGT GTTIGTTAGT TGGGATGTGG TCAAGCCATC TCACCACCAT CATTCATTCA ACTGGTCTTGA AAGTGTGGGG TTTTTTTTAA AAAATATGAG AAATCTGATA TGTGTTAAAA TATTCTGAGAA TCTAAAGTGC GAATTGTTCT TTAGGAAAGTCTTAAAGTGC GAATTGTTCT TTAGGAAAGCGA CTCGGCTCAC	TIGGCTIGCTTIG TITIGTTTTTT TIGGCATGATC CTCCCACCCC GCCCAGCTTIG TITCATTTATIG AACTICCTIGGG ACTIAAAGGCA ATATACATIGT TICAAATTACATIGT TICAAATTACATIGT TICAAATTACATIGT TICAAATTACATIGT TICAAATTACATIGT TICAAATTACATIGT ATGATATTTC CCCAGCATGAT GTICTGCGCTCT TIGCAAGCTTCC	ATTTACATGA TGAGATAGGG TCAGCTCCTGA CTTATTTATT GTAGAGATGG CTCAAGTGAT TGAGCCACCA TAACTAAGTA TGATTTTAGC CTACCTGAAA TACACACTAC ATATTTTTTA TTGTGGTTCA AAGAAGAAAA TGCCAGTTAT CATTTTTTTT CATTTTTTTT CTTGCCCCAGG GCCTCCCGGG
261551 261601 261651 261701 261751 261801 261801 261951 262001 262151 262201 262251 262201 262301 262351 262301 262351	GGCCCAACCT TCTGGCTCCA ATAGCTGGGA CATTCATTCA GGTCTTGCCA CCTCCCCAACT TACCTGGCCC AAGGGAAGCT GAACATTTAG CAAATGATAC TATGATTTTG GACTTTTATG TGTTCCACTC ATCTTTTTGCC ATCTTTTGCC ATCTTTTTGCC ATCTTTTTGC ATCTTTTTGCC ATCTTTTTGC ATCTTTTTTTTTT	GGTTTTICTT TCACACAGGC CCTCCCAGAC CCTCCCAGAC CTACAGACAT TTCATTCATT TGTTGCCCAG TGGCTTCCCA TGGCTTCCCA TGGTTTCTCTGA TGGTCTGTTT GCATTCTAAG TTTGTACATA CTCATACTTT CAATGTTTTG TGCATTCCTT TTTTTTTTT TTTTTTTTTT	TTTTTATGT GTTIGTTAGT TGGGATGTGG TCAAGCCATC TCACCACCAT CATTCATTCA ACTGGTCTTCA ACTGGTCTTCA AAGTGTGGGG TTTTTTTTAA AAAATATGAG AAATCTGATA TGTGTTAAAA TATTCTGAGAA TCTAAAGTGC GAATTGTTCT TTAGTAAGGT TTTAGTAAGGT TTTGAGACGGA CTCGGCTCAC CAGCCTCCCA	TIGGCTIGCTTIG TITIGTTTTTT TIGGCATGATC CTCCCACCCC GCCCAGCTTIG TITCATTTATIG AACTICCTIGGG ACTAAAGGCA ATATACATIGT TCAAATAACT TAAGTATCTA TICTTTTAAAA ATAAGTCTGA TIGTCCGACTT ATIGATATTTC CCCAGCATGAT GTCTCGCTCT TIGCAAGCTCC AGTAGCTGCG	ATTTACATGA TGAGATAGGG TCAGCTCACT AGCCTCCTGA CTTATTTATT GTAGAGATGG CTCAAGTGAT TGAGCCACCA TAACTAAGTA TGATTTTAGC CTACCTGAAA TACACACTAC ATATTTTTA TTGTGGTTCA AAGAAGAAAA TGCCAGTTAT CATTTCTTTT GTCGCCCAGG GCCTCCCGGG ACTACAGGGG
261551 261601 261651 261701 261751 261801 261801 261951 262001 262151 262201 262251 262201 262301 262351 262301 262351	GGCCCAACCT TCTGGCTCCA ATAGCTGGGA CATTCATTCA GGTCTTGCCA CCTCCCCAACT TACCTGGCCC AAGGGAAGCT GAACATTTAG CAAATGATAC TATGATTTTG GACTTTTATG TGTTCCACTC ATCTTTTTGCC ATCTTTTGCC ATCTTTTTGCC ATCTTTTTTTTTT	GGTTTTICTT TCACACAGGC CCTCCCAGAC CCTCCCAGAC CTACAGACAT TTCATTCATT TGTTGCCCAG TGGCTTCCCA TGGCTTCCCA TGGTTTCTCTGA TGGTCTGTTT GCATTCTAAG TTTGTACATA CTCATACTTT CAATGTTTTG TGCATTCCTT TTTTTTTTT TTTTTTTTTT	TTTTTATGT GTTIGTTAGT TGGGATGTGG TCAAGCCATC TCACCACCAT CATTCATTCA ACTGGTCTTCA ACTGGTCTTCA AAGTGTGGGG TTTTTTTTAA AAAATATGAG AAATCTGATA TGTGTTAAAA TATTCTGAGAA TCTAAAGTGC GAATTGTTCT TTAGTAAGGT TTTAGTAAGGT TTTGAGACGGA CTCGGCTCAC CAGCCTCCCA	TIGGCTIGCTTIG TITIGTTTTTT TIGGCATGATC CTCCCACCCC GCCCAGCTTIG TITCATTTATIG AACTICCTIGGG ACTAAAGGCA ATATACATIGT TCAAATAACT TAAGTATCTA TICTTTTAAAA ATAAGTCTGA TIGTCCGACTT ATIGATATTTC CCCAGCATGAT GTCTCGCTCT TIGCAAGCTCC AGTAGCTGCG	ATTTACATGA TGAGATAGGG TCAGCTCCTGA CTTATTTATT GTAGAGATGG CTCAAGTGAT TGAGCCACCA TAACTAAGTA TGATTTTAGC CTACCTGAAA TACACACTAC ATATTTTTTA TTGTGGTTCA AAGAAGAAAA TGCCAGTTAT CATTTTTTTT CATTTTTTTT CTTGCCCCAGG GCCTCCCGGG

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265951 TTATATATTT TAGTATTGCC TCCTTAATAG ATGCATTCCT ACAAAGTTTG
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266001	TTCTGTAAGA	ACTTCCTATT	<b>TATTGTAGTG</b>	ATTTTTTCCC	AGTGATTTTC
266051	ATTATAATAT	TAMAACTATA	<b>AGCCATTTTT</b>	CTACTTTTGA	CATCTAAATG
			GTAAATATCT		
			GTAACTIGAA		
			AGAATCTTTG		
266251	CATTITICIT	CACAAACTGT	TOGTOGATICA	TAGAGCAATC	ACATAAGCTT
266301	AGTGATTAGA	CTACACTTGT	TTTTTGCTAG	TGTGGAACTA	CATTATTGCT
			<b>GCAATATTTC</b>		
			TCCAAAAGTC		
266451	TTTAAAATGC	TGATCATAAA	AGATGATTAT	TGTTTTAATG	TITIGET TAT
266501	CTATTATAAA	TAGGATTAAT	CATAAAAGGA	TAGAATCATG	AAGGCATCAT
266551	TTGGTAGGTA	GACGICITAA	TAGTATTGGT	TTATTGGGCC	CGAGAATTCT
			AGGGTAATGT		
			AGTGAATTTC		
266/01	ATTTICTICT	TAGTACCCAA	ATTTCTCACA	ATTGAAAAGC	AACTGGGTGT
266751	TGGGACAGAA	<b>ATATAGTATT</b>	TGGACATTAG	AGGGTCTGGC	CTTGACATTT
266801	GATGCTACTA	CTTAACTGGC	TCTTATCTAA	ΔΑCΤΙζίσΤΑΤΙ	CTAAAAGCCT
			TGICIGICIA		
			CAACAGGAAA		· · · · · · · · · · · · · · · · · · ·
266951	TGTTGCTGGG	ATTAAGAAAC	CCTGCTCTGC	GGCATTCTCT	CTTTGATATT
267001	TCCCTGCCTT	TTATAGGAAC	TCTTTTCAC	CTAAGATTTT	CCATTTATGT
			TGCTCAGAGT		
			GGGACCAGAG		
			AAGCCTCCTT		
			TTTAATTT		
267251	AACACAGAAT	CTCCGTTAAC	CCTCAATGTA	CACTGGTCTT	AATCAGATCA
267301	AGTTTTTAAC	CACAAGGTAA	<b>AATGTTTCAC</b>	TTTGCTCATG	AATCTTAAGA
			<b>GTACCCAGAA</b>		
			CTTTGACTGC		
			AAAAGATGCC		
267501	TTTTGCATAG	ATTAATTGTA	CTAGTTTAGT	CTGAGTTAAT	TTTAATTTAA
267551	TCCATTTGCT	<b>AAGGTCATTT</b>	GCTTTTTTT	TITITITITI	TTTTTTTTGG
267601	AGACAGGGTC	TIGTICAC	CCAGGCTGGA	GTGCAGTGGC	AAGATCATGG
			GGTGATCATC		
			CCACACCTGG		
			CCCAGGCTGG		
			TCCCAAAGTG		
267851	CACCACGCCC	<b>AGCTTCATTT</b>	<b>GAATATTGGA</b>	AATACACTGT	TCCTAAGTAA
			CAATACTGTG		
			AAGAGATGGG		
			AGGTGATGTG		
			ATACTAGCGT		
268101	TATGTGTCAC	ATTTIGTTIC	ATCAGCTTTC	CATCTCAGCA	TTAATGATCA
			TECTTTTGT		
			CAGAGATGAA		
			TCTTTCCTGT		
	_		<b>GGTACCTCTA</b>		
268351	GAAAGGACTT	CCTCTAATAG	ATTAATGGAC	AGAGGTTAAT	AATAAAGGTA
268401	TTCACAGGAA	TGAAAGAAGA	ATTGACTAAG	ACAGAAGGAG	ATTAGGTGCT
			GAATTATGAC		
			ATTITITAAC		
			TATTAAGCCA		
			CACTTAMAGT		
	<b>GCAGTATTAC</b>		CATCTATTTG	TTACCTGAAA	
20201					
<b>708/0T</b>	ACAGTGTAGA	GATTTTAAAA	ACTACTTCCA		GCAGTGATGT
			ACTACTTCCA	AGCAAAACTT	
268751	CACTCATTAC	CCATTGCTCT	ACTACTTCCA AAGAAATGCC	AGCAAAACTT CTCATCTTGC	TGTCTAGGAA
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278501 CTTTIGCTGG CTGGAACGTG GACAACTTTT TAACCTCTCC AAGGCAACGT 278551 AGCTIGTGACA AGATGTCAGT TACCTTCAAA AAGTAAATAA ATCACAGCCT 278601 TTGAGTTTCA GCATAATAAT AAAGATCCAA TGTCCTCACA TGAGTTTCTC 278651 ATTCCACAAT TTTGAATCAT ATTTTTTTGT GGCAAATGCT CTACCTTCAA 278701 AGTAAAGCGT TTTAAAAATA CAGTTTAGAG AGCCAGGTTC CCTGAGAGGA 278751 AGATTATTAA CTCACAAGGA AAGAACAGTG AATTATCTTT AATAAAAATAA 278801 GCTAAGAAAC AAAAACATTA AAGTTTTGTT TGAAATTAA CCTTCCTTGC 278851 CTATGTTCTT TACCAAATCA GGAAATACTA GTGTAACGTGT AGTGGAACA 278901 TCCTTGTATT TAAGAGAGTG AATTTAAATG TTTCAAATAC CTTTCCTTGC 279001 GAATTATTCT AAATTCATTC TATAGAACAC TACCTGACAA GTTGGAACAA 279001 AATTAAACAT TTGCTATATTG TAAGTTCACC TTAGACTTAC AAATTTCCAG 279001 AATTAAACAT TTGCTATATTG TAAGTTCACTC CAAACCCGTA AGTTGTACTG 279101 ACAACAATCT ACGTTTCCCA AGTTTCACTC CAAACCCGTA AGTTGTACTG 279101 ACAACAATCT ACGTTTCCCA AGTTTCACTC CAAACCCGTA AGTTGTACTG 279201 ATTGAAAACA ACTGTTCTA CAAATATTT AAGCTTGAATA GAGATATTTG 279201 ATTGAAAACA AACTGTTCTA CAAATATTT AAGCTTGAAT TTGCTAATCT 279301 TGCTGAGCAA AAATGGGTG CTCAAATGTG TTTTGTAAGAG TGACATACTT 279301 TGCTGAGCAA AAATGGGTG TTTGAGTTTT AGGTTTCAGG GTTCTTTTAAA 279301 TGCTGAGCAA AAATGGGGTG TTTGAGTTTT AGGTTCAGG GTTCTTTTAAA 279301 TGCTGAGCAA AAATGGGGTG TTTGAGTTTT AGGTTCTAAAA 279351 CCTTCAAAAA TAGTGGCCGG GTTAATCTTG GGTAACAAGT TATCTTAAAA 279401 AAATGAAGAA GAGGCCAGGC ACGGTGGCTC ATGCCTATAA TCACAGCACT 279451 CTGGGGAGCC AAGGCGGGCA GATTGCTTGA ATCCCAGGAGT TCAATACCAG 279501 CCTGGGCAAC ATAGTGAAAC TTTTTTTTA CTAAAAATAC AAAAAAATTT 279551 AGCTTGGCATAT GCTGTAATC CCAGCTACTC GAGAGACTGA
278501 CTTTIGCTGG CTGGAACGTG GACAACTTTT TAACCTCTCC AAGGCAACGT 278551 AGCTIGTGACA AGATGTCAGT TACCTTCAAA AAGTAAATAA ATCACAGCCT 278601 TTGAGTTTCA GCATAATAAT AAAGATCCAA TGTCCTCACA TGAGTTTCTC 278651 ATTCCACAAT TTTGAATCAT ATTTTTTTGT GGCAAATGCT CTACCTTCAA 278701 AGTAAAGCGT TTTAAAAATA CAGTTTAGAG AGCCAGGTTC CCTGAGAGGA 278751 AGATTATTAA CTCACAAGGA AAGAACAGTG AATTATCTTT AATAAAAATAA 278801 GCTAAGAAAC AAAAACATTA AAGTTTTGTT TGAAATTAA CCTTCCTTGC 278851 CTATGTTCTT TACCAAATCA GGAAATACTA GTGTAACGTGT AGTGGAACA 278901 TCCTTGTATT TAAGAGAGTG AATTTAAATG TTTCAAATAC CTTTCCTTGC 279001 GAATTATTCT AAATTCATTC TATAGAACAC TACCTGACAA GTTGGAACAA 279001 AATTAAACAT TTGCTATATTG TAAGTTCACC TTAGACTTAC AAATTTCCAG 279001 AATTAAACAT TTGCTATATTG TAAGTTCACTC CAAACCCGTA AGTTGTACTG 279101 ACAACAATCT ACGTTTCCCA AGTTTCACTC CAAACCCGTA AGTTGTACTG 279101 ACAACAATCT ACGTTTCCCA AGTTTCACTC CAAACCCGTA AGTTGTACTG 279201 ATTGAAAACA ACTGTTCTA CAAATATTT AAGCTTGAATA GAGATATTTG 279201 ATTGAAAACA AACTGTTCTA CAAATATTT AAGCTTGAAT TTGCTAATCT 279301 TGCTGAGCAA AAATGGGTG CTCAAATGTG TTTTGTAAGAG TGACATACTT 279301 TGCTGAGCAA AAATGGGTG TTTGAGTTTT AGGTTTCAGG GTTCTTTTAAA 279301 TGCTGAGCAA AAATGGGGTG TTTGAGTTTT AGGTTCAGG GTTCTTTTAAA 279301 TGCTGAGCAA AAATGGGGTG TTTGAGTTTT AGGTTCTAAAA 279351 CCTTCAAAAA TAGTGGCCGG GTTAATCTTG GGTAACAAGT TATCTTAAAA 279401 AAATGAAGAA GAGGCCAGGC ACGGTGGCTC ATGCCTATAA TCACAGCACT 279451 CTGGGGAGCC AAGGCGGGCA GATTGCTTGA ATCCCAGGAGT TCAATACCAG 279501 CCTGGGCAAC ATAGTGAAAC TTTTTTTTA CTAAAAATAC AAAAAAATTT 279551 AGCTTGGCATAT GCTGTAATC CCAGCTACTC GAGAGACTGA
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278501 CTTTTGCTGG CTGGAACGTG GACAACTTTT TAACCTCTCC AAGGCAACGT 278551 AGCTGTGACA AGATGTCAGT TACCTTCAAA AAGTAAATAA ATCACAGCCT 278601 TTGAGTTTCA GCATAATAAT AAAGATCCAA TGTCCTCACA TGAGTTTCTC 278651 ATTCCACAAT TTTGAATCAT ATTTTTTTGT GGCAAATGCT CTACCTTCAA 278701 AGTAAAGCGT TTTAAAAATA CAGTTTAGAG AGCCAGGTTC CCTGAGAGGA 278751 AGATTATTAA CTCACAAGGA AAGAACAGTG AATTATCTTT AATAAAATAA
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280051 CTGAGTACTT				
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280151 AAAAGGATGT				
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280251 ATATGATACG				
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280351 ATCAAAACCA	GGAAATIGIC	ATTAGTACAA	TATTATTAAT	TAGACTACAT
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280451 GTGTGCAATG				
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280751 ATCGTACTGC				
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281151 TCCAATGGCG				
281201 TGATTCTCCT				
281251 ACCGTGTTGG				
281301 GCCTCGGCCT	CCTAAAGTGC	<b>TGGGATTATA</b>	AGCGTGAGCC	ACTGCGCCCA
281351 GCCAGTTGTA	CCTTTTTTAT	TCCTGAGTAG	TTACACTGCT	TTATGGATGT
281401 ACCAGAGTTT	AACCATTTAT	CTGTCTAAGG	ACATTTAGGT	TGTTTCCAGT
281451 TTTGGACTAT				
281501 ATGTGAACAT	<b>AAGTTTTCAT</b>	TTCTTTAGAA	TAAAGAGTAC	AATTGTTGAA
281551 TCATATGATA	<b>TATTAGTTTC</b>	CTGTTGCTGC	TATAACAAAT	TACCACAGGC
281601 TGGAAGCTTA	AACAACACAA	<b>ATGTATCACA</b>	<b>GITGIATAGC</b>	TTAACAATCC
281651 AACATATGTC	TCATCGGGCT	AAAATCAAAG	<b>TGTTGGCAAG</b>	GTTGCATTCC
281701 TTTCTGAAGG	CTTTAGAGAA	GAATCTATTC	CTTTCCTAGT	TICICCIGIT
281751 ATTCTTGGCT	<b>TGTAGTCTCT</b>	TCCTTCATCT	TCAAAGGAGC	AATGTTGCAT
281801 CTCTCTGTGC	CTTTCCTTCG	<b>AAGTCACATC</b>	TTCATCTGCT	AACTITICTTC
281851 TGCCTCCCTT				
281901 CIGITITAAG	<b>GTCAACTGAT</b>	CAACGACCTG	<b>GATTTCATCT</b>	ACGACCTITA
281951 TTTCTCTTTG	CTATGTAAAG	TAACATATTT	TCAGGTTCCA	<b>GGGGTTAGAA</b>
282001 TATGAACATC	TAGGGGTTGG	TAATGTTGTT	CTGCCTACTG	CATATGATAA
282051 ATTCATGTTT	AGTTCTATTT	TAGAAACTAC	CAAACTATCT	TCCAGAGTGG
282101 CATGTGACTT				
282151 ACATCCCTGC	CAGCATTTCA	<b>TATTCTAGTA</b>	<b>GGTATGTAGT</b>	GATACCTCAT
282201 TGTGATTTTA				
282251 TATGTGCTTC	TTTGCCATAC	ATATTTCTTC	TTTGGTGAAA	TGTCCGCTCA
282301 TGACTTTTGC	ACATTTTCCT	TTGGATATGT	<b>GGTTTATACA</b>	AGTCCTCTGA
282351 ATATGTGGTT	TGCAAATATT	TTCTCTCATT	CTGTAGCTTG	TTTTAATTC
282401 TCTTAACAGG				
282451 GCCTTACATG	AGTGATGCCA	CATGCTACAG	<b>TCATGAATAT</b>	CTCATAGGGT
282501 TTTAAAGAAA	ACATTCATAT	GAGACAGTAG	<b>TCATTACTTA</b>	AAGCTGTGTT
282551 TGAAGTAAGA	CTTTGTGCTG	ATTTGGATGT	<b>AGTTAGAGTT</b>	GGACCCAGTG
282601 ATGTGCTTGA	ACTGGCTCTT	CCCAGTTTGC	AAGAGGCATG	TTCTGAAGTC
282651 CAAGAATGTT	<b>GCAAGTTAGT</b>	TTTTAAACAG	TCAGTAGCCA	TGTTGGGAGT
282701 ATGTATACAA	TGGAAATTGG	CAATCACTAT	<b>AAATCAGTGC</b>	TCCCCTCCTC
282751 ACTGGAGAGT				
282801 GCAAAGAATT	TGTCAAGAAA	TTGAGTATTT	TTTTCCTTTA	AGTCAGTGCC
282851 CATTGAGATA	TATCATAAAT	<b>AAATATGTCA</b>	<b>GGGTATTCTC</b>	TTCACCAGCT
282901 TATAATATTT	<b>GCTTTGTATT</b>	TTTTGCTATT	TTATTTTAT	TIGIGITICA
282951 TCAATTTTGT	CCTGTTCTAA	TTACAATTTT	TCAGAATGTC	AGGGAGTACA
283001 GTGGTATATA	AGTAGTATAG	TTTAATGGTG	TAGATTAGAC	CATACATTIC
283051 AGAATCAGAT	AGACTTAGCT	TACATCCCAC	CTCAATTTAG	TAGCTGTATG
283101 AACCTGGCAA				
283151 ATGCAGTCAG				
283201 ATCAAGGGTC				
283251 AACAATCAAA	AATTTAAATG	TTAACACAAA	TGTTGACAAT	ACAGTATAGT
283301 AACTATTTAC	ATTCCATTTA	CATTGTGTTA	GCTATTACAA	GCAATCTAGA
	AIGGALLIA			
283351 GATGATTTTA	AGTATAGGGA	<b>GGATATGCAG</b>	AGGTCATACG	CAAATAACTA
283351 GATGATTTTA 283401 CACCATTTTA	AGTATAGGGA	<b>GGATATGCAG</b>	AGGTCATACG	CAAATAACTA
283401 CACCATTITA 283401 CACCATTITA 283451 GTGGGGGTTA	AGTATAGGGA TATAAAAAGG	GGATATGCAG ACTTGAGCAT	AGGTCATACG CTGTGGAATT	CAAATAACTA TGGTATCCTG

283501	ACTGTATATA	CTTTGTAAAG	CTTGTATAAG	ATGATACTCA	TAAAGCATTT
283551	AACAGATAAT	GTCTCAATAA	GIGTTTAAT	TGTTATATCA	TTACAACTAT
283601	CACCATTATA	ATCTCAACAG	GGAAAGCCTT	TCATAATCAC	AGCTGATTAA
283651	AATACCTTTT	TAGTATTCAG	GCATCCCCTG	CTTAACACTT	AATATCCTAG
	GAAATCAGAT				
283751	ATCCCCAACC	AATTTCCTAA	AAGCTAACTA	AATGCAGTGA	AATATTTTA
283801	AAGTAATAAA	TTATAATTTG	GGGATGTAAA	ATGCTTAAAC	AGTGGTTTCC
	TGATGACCTA				
283901	TCAGAGGACT	TTTCGAAATG	<b>TCTACACATG</b>	ATCAGACCTT	TCTACCAGTT
	GTGTTTGGAA				
284001	<b>ATGITATGIT</b>	<b>AAATTTGAGG</b>	<b>AATGTAAGTA</b>	TAAATTTTTC	CCATATAAAC
284051	ATCAGCAGGA	AAATGTTGAA	TTTAGAGACA	TATATTGCCT	GAGTTATGGG
284101	TGTTAAAACC	AAGAGGAATT	CTATCAGAAA	<b>ATGTTAACCA</b>	CGGAGACTCT
	GTAAGTGTGC				
	TATAACTAAC				
284251	TTTAATTCTC	ATACAACTTT	<b>GGAAGTTAAA</b>	AGACCTTAAA	TTAATTTTGC
284301	AAAGCTGTAC	AACTCCTTCA	TTTCTGAGTT	GAAATTCAGT	TCTACTGCAG
284351	TAGCTAATAG	CTGTCCAGGA	<b>ACAGCTATTA</b>	GAAAACTGGA	AAAGCATCAA
284401	<b>GGAAAGCCTA</b>	CTGAAGTGTG	тттссттс	GATCCAGTGT	CITCITTICI
284451	AGTAAATGTC	CTGTCTATCC	CCCCTTCCCC	TATAGGAAGT	THCHCICT
284501	TTCTTCAGAT	<b>GCTATTATAT</b>	GAGATACAAT	TTATAAATTC	TITITICI
284551	CATCTGACAG	TAGCITITI	CTATACAATC	AGTTACCTTT	CACTGTGTTT
	TTCACCCATC				
	AATTAACGAA				
	CTTCTCTCAT				
284751	TCACTGAGTA	ACTACTCACA	AGAATGTCTA	CTTCAGTAAG	GTAGTTGAAC
284801	CAAGCATATC	CTGACAGCCT	CATGGAAGCA	ATGAATCTTT	TAATTTATAT
284851	TAGAGAGGAA	AACGAATTAA	TGAGGAAGAA	AATCATAAGT	AGATGGTTAG
284901	GCATTCTAGA	GAATTATATT	TAAAATTAGC	TACTAGGTCA	CTTCTGCATC
284951	AGTIGITCTA	CETAAAAGTG	ATAGGETATIC	CCTCAAATG	TTAAGTCACA
	TTCTGGCCAT				
285051	TGIGITICCT	ппппп	11111111111	TIETICACACAC	GTCTAGCTC
203031	TGTCGTCTGG	CETTCENCTICET	ΛΕΤΙΓΙΓΙΑ	CCTCCACTC	TAGTIGGGCA
205101	ATCACACGGC	ACATTICCCAC	CTCTCCCVCC	TICCACCCAAG	CCATCCTCCC
202121	ACTTCAGCCT	CCTCCCTACC	TAGGACTACA	CCCACACCCC	ACCACACCCA
203201	GCTAATTTTT	CCTTACTT	CTITICITIE	CCTACAAATG	ACTITICACCA
207271	TGTTACCCAG	COTTO	AACTICTICA	CTCAACTCAT	
20220T	CAMAGTIGCTIG	AAATTACACC	TOTOLOGA	CACCCCTAGC	CONCERNICA
	TTCTGTACAC				
202401	GCATTTACAC	TOTATORA	AACAATACAA	TACATACCAG	TAAATTTACC
	CAAGGTGAGA				
	TTAAGAAAAT				
	GACTTAATAT				
	AGTGCAGTTC				
70202T	GCCAATTCTC	AAACCCATAT	CCAATCCAAC	CCCCCCCAAA	TACCCAAAAC
	AATATTGAAA				
203/31	CTTACTACAA	ACTTACCATA	TTCAAAATAC	TOTOTACTA	CCATAACAAT
70200T	AGACTATATG	TACACCAATC	CAATTACAAT	TAACACTCTC	GAACTAAATC
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70320T	ACCATTCATT	CCCCAAATAA	TACATTICTIC	AATTAATCT	GCTGGGACAA
70323T	CTGGATTTTC	ACATACAAAA	ATTEMACTIC	CACCCCTACC	TTATACCATA
20000T	TATAAAAGTT	ACTOCAAAT	CCATCACTCC	CCTAAATATA	ACACTTCCCA
	TAAAATTCTT				
200101	TGGCCATGGG	TICTEACATA	TCACACCAAA	ACCACAACCA	ACCITICULATION
					ACTATGTCAA
2002UT	AACTATTATA	CICITOSCIT	TACACCCATC	TAACCACACT	ACIAIGICAA
200231	TGATTTGGAT	ACTAATAT	CACCAAATTT	TATUTCE	ACAATTAACC
20030T	TATATACACT	AGIAAIAIGA	TACACTICTIC	ATCTACCAC	TTTTCTCAAA
200331	TATATACAGE	MINACIG	ATCTCCTTAT	CCATACAACC	TTTTGTCAAA
20040T	CTTTCCAAAG	CATATTTACA	CAATACACCT	CTTACCAATA	GTCTCCAGAT
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200001	HHIGICHIC	AGCICIGIT	TICLIGGAT	CATCACTICLIA	AAATCCTTAG
70002T	AATTICCAAA	GIAGIATETT	CAACAACCC	CATTATACE	CTAGTGGCTT
786\01	CAGGGTGGGG	ICACAGGAGA	GAACAAGGCA	IGATIATAGG	ACTGGGACTT
200/51	GAAGICCATC	CCACAAACTC	CAUGAGGG	ACAGGGCIA	AAGATTGAGT
∠86801	IGATCACTGA	IGACCAATGA	HAGICAIC	IGIAICCIT	GTGATATCTT
200051	IAAIAATAAC	CIGGIAAATT	ACCACCACT	ATCCCAACCO	GTGAGCCACT
286901	CTAGAAATTA	ATTGAACCCA	AGCAGGGC	AIGGAACCC	TGATTTATAG
<b>∠</b> 00951	LICATOAGTC	AGAAACATAG	GIAMAACAAC	CIGOGGIIG	TGGTTGTTGC

PCT/US03/06670 10/506549

287001 TGTCGGGTGT CAGTCTCCTG GGGTCCTGAC ACTGTCTCTA GGTAGACAGT
287051 TTCAGAACTG AATTGGAGGA CACCTATCAG GTGTATGTTG CAGAAATGAA
287101 TGATTACTTG GTAGTAGGGA GAAATCCCCC ATATATTTAG GGTTATAAAG
287151 TCTTCTGTAT TGATTGCTGT GGTATGAGAG CAGAGGGAAA AAAATTTTTT
287201 TITCAACTCA TATCCTCCCA CTCCCCATAG CTGCTCTTGC CTTTATCAGT
287251 GTTGTGTGTG AAAGTCTGTA TAAGGATAGA AAAGGAGATT GAGGTGGCCC 287301 TATGAACTGC GTAGCCCTGG ATTCCATTCC ATTGAGTTCA GCCAACGGGA
287351 TGCATCAAGA ATTITTTTTT TTTTTTTTT TTTTTGAGAT AGGITTCACT
287351 IGCATOMAGA ATTITITITITITITITITITITITITITITITITITI
287451 AATTOCTGGG CTTAAGCGAT CTTCCACCTC AGCTTCCTGA GTAGCTGGGA
287501 CTACCAGCAT GTGCCCCTGC ACCTGGCTAT CAACAGGAAC TTAGAAGGTG
287551 GAAGGAGAAA GAGGTCAGGA TATGTATTCC CGCTCCCTCC CTGCCCTAGA
287601 ACCTCAATTC TAGTATTGGC TGTATCCCTT TATAACTGTA TCTCTTGTCC
287651 TTTGAGCCTT CACCCCACTT CTTCAACAGC TTCAGCTTTG GGTTTTGATA
287701 ATACTGTCTC CTCCCACTTA CTCCTTCCAG GTCCTAAGCA GTAATAGCTT
287751 CCTGCAGTCC CTAGACTTTG GTTCCGTCAG CATGCCTTAA CCTTTCCAGC
287801 ACTITIGGGAA ATATTCCCTA AGTTGATTTG TCTTCAGAGT CTCTAACAGG
287851 ACCCTGACTA ATTITCTATT TTATTTTTAC AAGTAAAAAT TGTATATATT
287901 TATGGTGTGT ATGATGTTTT GATATATATA CACATTTAGA ATGGCTAAAT
287951 CAAGCTACCT AATATATGTT TTACCTCACA TACTTATTTT GGAAGATGAG
288001 AACATTTAAA ATCTACTGCC TTAGCAATTT TCAAATACAT GATATATTGT
288051 TAACTIGTAGT CATCATGACA TACAATAGGT TTCTTGAACT TATTGCTCCT
288101 GTCTAACTGA AATTTTGTGC CCTTTGGCCA GCACTACCTA ATCCCTCTGC
288151 TAACCACCAT TTACTCTCTC TGAGTTCAAC TTTTTTACAC TCCACATATA
288201 AGTGAGATCA TGGGATATTT GAATTTCTGT GCCTGGTTTA TTTCACTTTA 288251 TGTGATGTCC TCCAGGGTCA TCCATGTTGT CAAAACATAA CAGACTTTCC
288301 TICTITITT AGGCTGAATA GTATTCCATT TIGTTGCACA TITTCTTTAT
288351 CCATTCATTT GITGATGGAC GCTTAGGTTG ATTTCATATC TTGGCTATTG
288401 TGAATAGTGC TACAATAAAC ATGGGAGTAC AGATAGCTCT TTGATATACT
288451 GATTICITTI CTTTICITTI AGATATATAC CCAGCAGTGG GTTTGCTAGA
288501 CTATATAATA GTTATATTTT TTATTTTTIG AGGACCCTCT GTGCTGTTTT
288551 CTGTAATTGC TTATAGAAAT TGACTAGTTG ACATTCCCAT GTAGAAAAAG
288601 GGATCCCTTT TTTCTACATC CTTGCCAACC CTAATTTTTT TATCTTCCAA
288651 CTTAATTTT TTTTCCTGTT GGCTAATACA ACTITGGCCT GTCAAATCAT
288701 GGTAGACATT CTGTGAATAG TATCACTGTA GTAGAAGCCA GAATGTTTTA
288751 TAGAGGAAAT GTAGAACAGA AATTAAATCT GGGGAGTCAG ATAAATAGAG
288801 GTAGATTAAA AGGATCTTTC ATATTAGTGT TATTGCATTT TTCTCAGTGT
288851 CTCCAAAGAG TTTGAAATGT TGTATACGTT ATTTAGAATT GTACTCAGAA 288901 GATAAAGTAT TTTACCAACA ACTGAGCTTA ATTTTTATAG TTTATTAGTA
288951 TCTTCATTTC CTAGTCTCCG AAGACCATCT TCTCATAAAA GTGCTTATAT
289001 ATGTAAAAGT TTGTTTGCAT TTTCAACCTG TATCCCTTGA TACTCATCCA
289051 GAAACCTAGG GTGAGAATAC CTGTGTTAAC TGTTTTTAAA AATTTCCATG
289101 ACATGITIGG TCAGGGGAGA AGAATGITCT GTGACAAGTG CCAGTTTTAC
289151 TGGTGAGGTA GAAAAGGCCT TAGAAGGTGC TAGTAAGACA GAAAAAGAAC
289201 TGTAGGAAGA AATCAGTATC GGAGAGCACA GAGATCCTCA ATCCTTGGAT
289251 ATATACCACC CAGTGAAGCA GATCAGAAAG ACCTATATTT TATAGTGCTG
289301 TCACAACATA CAAGCTGGAA AGCACCCTAT TATATGTGAA TTGGCCACAG
289351 CTAAGAGTAA ATGATTGAAA TCTTTTAAAA CTTTTAGTTA CATTGTTTAC
289401 AATTTIGGGGT AAATGTCTAG ATAAGTCATT TAAATTTTTT CACCTAAACT 289451 CATAATTTTG CTTCTAGAGT CCTAACGAGT AGTGAAATGG AGATTAATCT
289501 TGAAAATCCC ATTAGCTTAC ATCACTAGAA GCACTTTGTC CACCTGCTTC
289551 CTGGACCTAG AAGAGTAAAC CTGTGGTTGT CCAGTTCTAG GTGGTAGCTT
289601 TAAGATACTG CAGGCGAAGA CATATATTTG TGACCAGCAG ATTACAAACA
289651 AGCAAGAAAG TITAATICCA TTCTIGCTATA TTTTTAATIGG ACAGGATTIGG
289701 ATATATCTTT CTAATCATAG AAGACGTCTG GAAGAAAATG GTTTCTGCAG
289751 AGGGAAATTA ATGTATTGAA GGTGGGAACA AGATTTTGGT TTTTACATAC
289801 ACATTICIGT ACTIGITIGIT GITIGCTATIG TITTACCATG AGTITIGITATT
289851 ACTCAATAAA ATAACAAAAA TGGTGAGATC AGGAAGGACA CCTTTTCTTG
289901 CTATGTAGAT TATTTTTGCC TCATCCTTGG TTCCTTAGTT TCCATTTCCT
289951 TACAGTATTT TOCAGTTACT CGTTTTTAAC AATCTGTGGG GTCTGTCCAT
290001 AGTITITICAT TITTICITGTC CTGATTAATA GCCTCCCAAT TTATTITICIC
290051 ATCCCCTGCA TACAACTCAG ACCCTCCTAT TGAACGTGAA ACCTTCTACC
290101 TATTCACCCC TCTACACAGA TCACGCATCA TTTTCTTGTC TTAACTGTTT 290151 CAGTTGTTCC GTGATTTTTG TTCTATGCCT TTGAGGATTT ATTGTTTACA
290201 AAGAACTAAA GTATTTTTAG TTTATTTGTT TAAGCTACCC TCAAAAGATA
290251 ATAATAGGCA AAAGAAACAC CGTAAGAACA TACCAAAATT CCACTGAAAG
290301 CTAACTAGGG AATGTTGGCT TCCAATCTTA GCTAGAAAAT GATCAAAATT
290351 CGATACTGGT TGATTTTTTA AAATATGAAT TGTGAGTCAT ATTCAAAAAG
290401 AGCCACAGCT TGCAGTTGTA GTCCCAAACT AAAGTAGGTA TAGATAGATA
290451 GTTCCAAGAG ATCATCTGTA TTACAGGGAT CAGGCAAAAT TGCTTTCACC

290501	TGGAGAGCCG	TTTGCATGGA	AATACAGCAT	<b>GGTTAGAGGT</b>	AGCCCTCTGG
290551	ATCCGACTGC	TTGCTTCAAA	TCAAACTGCA	CTTTCACTGT	GCTTAACCTC
	<b>AGTCAAGTTA</b>				
290651	<b>AGTATATITA</b>	<b>AAATACCTCA</b>	CTAGTTTGTT	<b>ACATGATTAA</b>	ATGAGACAAT
290701	<b>GTATATAAAA</b>	TAACACAGAG	<b>CCTGTTATAT</b>	<b>GGTTACTTTT</b>	AGCCATTAAC
	<b>AGCATAATCA</b>				
	ACCTCCTCAA				
	CACCAGTGGC				
200001	ATTITCAAAA	AGCTGAATGC	TATAGTAATG	GTGTTTATCA	AATATGTTAC
	CAATATTTGA				
	TACAAGCTAA				
	GTATAGAATA				
	TACATACATG				
	CAACAACAAA				
	GTTAGTCCCA				
	TCCAACAAAA				
	CTGAGTTCAG				
	AAGTCAGTGA				
	ATGGGAAAAA				
	CAGCTGTAGC				
	GAGGGTTGGT				
	AACACTTGAC				
	AAGTCCATAT				
	ACTTATTGCT				
	AAAAATAATC				
	AGTTTAGTCC				
	GCCAAATTAT				
	TTATATAATT				
	GAAATAGTAG				
	TTACATAGAT				
	ATAATATCAA				
	AAAGAAGTAA				
	<b>AAATACTACT</b>				
	GTAAATAAAA				
	<b>GCATTAACAT</b>				
292251	<b>GTTTGAATTG</b>	CACAGGTTCA	<b>CTTATATGTG</b>	GATTTTTC	AATAAATATA
292301	TTGGAAAAAT	TTTTGGACAT	TTTTGATAAT	GAGGAAAAAC	CATGTGGCCT
	AGAAATATAA				
292401	<b>ATATACTAGT</b>	CTATTTTACC	ATTTACTAAC	ATGAAATATA	CACAAATCTA
	TTATAAAAAG				
	CTTAAGACGA				
292551	TTAATGAATA	<b>GTAAATATAT</b>	TTTATCTTCT	TTATGATTTT	ATTAACCTTT
292601	TTTCTCTAGC	TCACTTTATT	ATAAGAATAC	<b>AGTATATAAT</b>	ACATATAAAA
292651	TACAAAATAT	GTGTCAGGCT	ATGTTATTGG	TAAGGCTTCC	AGTCAATAAT
	AGGCTATTAG				
	TTTGATGTGT				
	CAACTGTAAT				
	ATTTTGAAGA				
	CATTIGTAAT				
	ATCACAAATA				
	TTAAGACAAA				
	TTATCCCTAA				
	TGGGGTAATA				
	GATAAATTGT				
	GTTTAATCAG				
	TCCCTCTCCT				
	TTTGCCATTA				
	TTATTTCAAT				
	ACTITITAATT				
	<b>TAATTACTAT</b>				
	TAGTGCCTAT				
293551	CTCTTCAGTA	<b>GCATTITCAA</b>	AAGTGTGACA	AGATGAAAAG	GACATTCTAA
	TGTCAGAGGA				
293651	TGAATCTGCC	CTAGTTACAG	TCTTTCTTCT	TCTCTCTTGT	TTTTTACTTC
	<b>ACTICTTGAAC</b>				
293751	<b>ACTATATGAT</b>	CTCCTAGTAG	<b>GGCAAGTATA</b>	AAAGGACAAG	<b>GTATACATAT</b>
293801	<b>GTTTAAAGTC</b>	TIGICCTTT	ATGCCTGCCT	<b>TACCTACTGA</b>	ATCTAAAATT
293851	<b>GGTAATTAAG</b>	TATTATAGAC	ATTGAGGTCC	CAGAATTTTA	TATCTCAAGA
293901	CAAAAAAAGA	<b>ATATAGGCAG</b>	CACAATGTCA	<b>TGAGATTTGA</b>	CCTATGACAG
293951	GITTICITG	<b>AATGITICIA</b>	<b>GGAGGTATTC</b>	CACTGGCTTT	TTTTCAATAT

### FIGURE 3FFFF

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294001 CAGACATCAC CATATTATGC TTTTTTAAAC GTATGTAGAT AAAAGTGAAT 294051 gtggaacata aatttgcaca gtcttcctgg aaggtggtta atatataata 294101 TAAAAACTTC AAGTACTCAC CTTTTGTCCT ATAAATTCTA TTTTTAAAAC 294151 TTTGTCCTAG ATAATAAGAC AAATAATCCA AGATTGAATC TGCCTTAGAG 294201 AGTTGCTTTA AGGATTATTG CATATACACT ATATCTACAT AACAGAATGA 294251 GAAACTATTA AAATGGTGAT ACATATATCT GTATGCATTA ACATTAAAAG 294301 AAGTTCATGC ATTTATTAAC TGGAAAAGTA GATTACAAAA CTATAAATAA 294351 CACAACATTT ATGTAAAACT ATGTATGTTA CAATGGTCTG GAAAATTGTT 294401 CCCCAAACTG CTAACAGAGC CATCACGTTT ATTATTTTTA CTTTTTTTT 294451 TTTTTTTAA AGAAACAAAG CCTCACTCTG TCACCCAGGC CAGAGCACAG 294501 TIGTIGCAGTIC ATACTTICAGT GTAGCTTICAG ACTOCTAGTIC TITTIGCCTICA 294551 GOCTTICTGAG TAGCTIGGGAC TIGCAGGTIGCA CACCACTTTIG COTTIGCCAGT 294601 TITTITCAAAT TITTITTIGTA GAGGTIGGGGGA AGTIGGAGGGG CTCACTTTIGT 294651 TGCCCAGACT GGTCTCATGT CTCCTGGCTT CAAGTGGTCC TTCCACCTTG 294701 GCTTCCCAAA ATGCTGGGAT ACAGGTATGA GCCACCATGT CCAGACAATT 294751 TTTACTITTT AATTAATGTT AATCAACATT ATAGCAATAT TGTATATAAT 294801 AAATATGAAC CACTITTATA GTCAGAGAAA GCAATGAAAT TATTTTTATT 294851 TTAAAAACAA ACCAAATGTA CATAGCCTTG GTATTTACTA GCAGTATGAC 294901. TTTTAACTTG TTACACACTT CCTCATTTGT AAAAGGGTGT AAATGTCAGT 294951 CATATTCCCA TCCCATCTTC CTCCCCATTT ATGAATCCTG AGCCCCTGTT
295001 GGCTCCATTA ACAGCTGGAG TAAATGCCTT TTGACAGATG TGAGGGTCAG
295051 ATTTCTCATC AGCAACTTCC TTAGCAGAAG CAGTGTTGTT AAATAGAAAA 295101 GGTGGAGGGA AACCAAGATG TTGACAGAGC CTAGAAGAGA AGTTAGCATG 295151 ATGATCTAAA GGAGTATTTG CAAAGTCCAG AATTATGTGG CTATTTTAAG 295201 ACTGICTITA GITTTATTGT CATTAACTTA ATGAGITTCA GGAAAGAGGG 295251 AATGICTCTT TIGATTCATT TIGATTCAAC AGTTTTATTT TTAGGIATAT 295301 ACAGAGGAGA ATTCTCTTGG TTAAAAATAA AAAAGGAAAA CITACACAGC 295351 tgaagtgaat ggtactctga agtatctigtg gggagactigt agttagtgac 295401 TIGIGICATA CCCCTTCCAC CCATACCAGA TCCTTTCCTT TGAGACATGG
295451 GIGCTTTTCC CTGGCTAGTC TTAGAAGCAA TCACATTTTT ATATAATGAA
295501 CTCTGAGGGG TTTAAAAATG AGTGAGACAT GGTATCCTGG AGTGCAGCAT 295551 ATGTCTGCTC AGCATTTACA GGTTTGTTTG TTTTTTTCCT CTCTTTACTT 295601 TTCCATTTAG TAGACACTAG GCCATAAACC CGTTTTAATT TATTCACTGA 295651 GAAGGAAATG ACATAATATT CACTGCTGTG GCTGCATAGG TCATCAATTC 295701 CCTGGGACTC AGGATTACAT CTGAGCTGAT ATCAGACTCC CTCTTCCCAG 295751 GATAGTAAAA TITGAAGTCT GTGTGTCAGG GGCCTGCAGT GTAAGTATTC 295801 GAGAAAGITT GTTCAAAGTA TTTCCTTTCC AAAAAGCAGG AATTAGAGAA 295851 GCAAGAATAC AGGAGCAGGA TGGTGTATTA GGAATTTTAG CTTAAGATTC 295901 CTTTACAATT TCTTCTCCTA AGAAATTTTA GCTCTCTTTA ACAGTGTGGT 295951 TGTCAAGTAT GCTAGTGAAT CTTACAAAAA TTATGCAACT GGAGAAATGA 296001 AATTATTIGC TATTIGTACT GGCTTATGTG CAGGCAAAAT AAAAGTAGGC 296051 AATGGATGGA AGAAAACAGA GACTTTTGCT TTATTAAGGT GAAGTGAATT 2961.01 TCACCTCCTT TTATCGTTTG AAGTATTGAG AGGTTTTTGT TAGAGTGTTT 296151 TGTTTGGAAA AGTTATACAG ATTTTGCCTT TAAGAACAAA ATTTTAAATC 296201 TCTCTAAGAG GTTTAGTATT GAGTGGCAAT TATTTTGTTT ACTTGTCTGT 296251 CTTCTCTGTT GACTATGAAC TCCTTCGTGG TGGAGATGGT GTTGCTTATG 

FIGURE 3GGGG

296451 ATACATACAT ACATACAGTG GGCCTACCTT CTATTTTCTG CTGCTTTCAA 296501 CTTAAGCTTG GGAATATTTT TGCTATAGCT ATTTACAAAG TTTTTGCATT 296551 AAAGGATTAA ATCACTCTAA GTTGAGTGGG AATTGGAAGG AGCAATAATA 296601 TTGGGGCTAT TTTTAAAATG TCTGTATGCT GGAGAATAGG AAATGGTTAA 296651 CTATGGCCAG ACCTATACCC TAGCATATCT AAATCTATTA CAAAAGTGAA 296701 TTAACCACTG TATTAAAGTT TTCTAGAGAG ACAGATCCAA TAGGAGCCAT 296751 TTATTATCTA GATCTATATA TGAGTTTATT AGGGAGCACT GGCTCATGTG 296801 ATAACACTGT GAAGTCCCAT GATAGGCTAT CTACAAGCTG GGGGAAGACA 296851 AAAGCTGATA GGGGGCCCAG TCCAAGTCAT AAAGCCTTAA AACCAGGGAA 296901 TCCGACAGTG CAGTTATCAG TCTGTGGCTG AAAGCCTGAG AGCCTCCAGG 296951 AGGCCGCTGG TACAATTCCA CAGTCCAAAG GCTGGATAAC CTGGAGTATG 297001. ATGTTCAGGA GTAGTAAGAG AGGAGGCAAG CGTCTGACAC AGGTAGAAAG 297051. AGAAAGCCAG AAGTCTCAGC AAACTGCTTA TACCCCTTCT CCTGCCTGTT

297101 TTGTTGTAGC TGCTGGCGGC CATTGGATGG CACCTGCATT GAAGGGTATT
297151 GCTTTCAGTC CATCAACTCA AATGTCAGTC TCCTCTGACA ACACCCTCAC
297201 AGACACACCC AGTAACAATT CTTTACCAGC CATCTAGGCA TCCCTCGGTT
297251 CAGTCACACC TAATATTAAC TAACCGTCAC AACCGCCATT CCCCATATTA

297301 GTACTTAGTG TGCTAAGTCA GTGCAAAATG TGGGACACTT AATTTACATA 297351 ATTICITITY ATATTITAAT TOCTGTGAAT AATATGTGTG CTCTTAAGTA 297401 TITATAAACA TAAACATAGA AAAACAAACA CTTGTGATTT TTATATTCTT 297451 GAGTTTAAGG AAATATATTT AATCTATTTC AGGCAGTTAA AATATAATTT

297501 TACTTGTGCA TGTGTATAAA ATATTTCTCA AAGTAGTACT CTGTAACAA
297551 AAAACCTTGA CCCTGTTTCT TCAAATGAAT ATAAGCTCTA ATAAATAGA
297601 ATTTGTTCAA TCTCTGAACT ATTTAACTGT AATGAGTTGA AAAAAATT
297651 TTTTTTTTT GAGACAGAGT TTCGCTCTTG TTGCCCAGGC TGGAGTGCA
297701 TGGTGAGATC TTGGCTCACT GCAACCTCCG CCTTTCTGTT TCAAGCGAT
297751 CTCCTGCCTC AGCCTCCCGA GTAGCTGAGA CTACAGGCAC ATGCCACCA
297801 GCCCAGCTAA TTTTTTGTAT TTTTAGTAGA GACGGGGTTT CACCATGTT
297851 GCCGGGATGG TCTCGATCTC TTGACCTTGT GGTCCACCTG CCTCGGCCTT
297901 CCAAGGTGCT GGGATTACAG GCGTGAGCCA CTGCACCCGG CAGAAAATC
297951 TAAATCTATA CTATAGAGTC TGACAAGAAT TTGGGACCCA AAAGCAATA
298001 AATTCTATTA CATATTTATC TTAACAAGTA ACATTTTAAA AGTCCATGT
298051 ATTTATAGAT TTATTTGCTT TCTCTAACAA GTAATGCTTC TAATAAAAA
298001 ATTIAIAGAT TIATTIGCTI ICICIAAGA GIAAGGCTIC IATTACCACAT TTTCCCACCAT
298101 CTGGGCCTGG TGGGGTGGCT CATGCCTGTT ATCCCAGCAT TTTGGGAGG
298151 TGAGGTGGAC GCATCACAAG ATCAGGAGTT CCAGACCAGC CTGGCCGATG
298201 TGGTGAAACC CTGCCTCTAC TAAAAATAGA AAAAAAAATT AGCTGGGTG
298251 GGTGGTGCAC GCCTGTAATC CCAGCTGCTT GGGAGGCTGA GACAAAGGA
298301 GTGCTAGAAC CCGGGAGGCA GGGGTTGCAG TGAGCTGAGA TGGCAGCAC
298351 GCACTCCAGC CTAGGCAACA GAGCAAGACT CCAACTCAAA AAAAAAAAA
298401 AAAAAAAAA ACCTGGAGTT AAAATTAAAT TTAGCATATA ACTTAACAA
298451 AACTTAAAAT TACCTCTGTT GTCACATATT CTAGTTGCTA GTGATTTTT
298501 GCAGTGATTC TTGTGTTATT AATGAGCTAA AAACTTCTTC AGCTTATAA
298551 GGTTAATCAG TTTTTAAATG AATTTACCAA TTTTGTAATT AAACAAAAT
298601 AATCATTTTG GAGGCTCAGG TAGTCATAAT ATTGTGTAAG ATTGGCACA
298651 GTTTTTATGA GGTTAATTTA TGTGGTGTCC TAACTTCATA AATTTGATA
298701 ATGAACGACA TAGGACATTT TAAAAAACCT ACATAGTGTC TTACATCAA
298751 TATGTAGTAT CCTATGTAGT GTGTATCTCT GGGAAATTTC TTTAGTGAT
298801 GTCTCCGTAG CACTGCAGCT GCCTGTCTAG TTGGTAGCCA CTGGCCACA
298851 GTGGCTATTG AGCACCTGAA ATGTGGCTTT TCCAGCACCT GAAGTGGGG
298901 TTTTCCAAAT GGAGATGTGA GTTTTTTGTT GTTGTTTTGT TTATTTTGA
298951 ACAGGGTCTC ACTCTGTCAC CCAGGCTGGG GTGCGGTGGC ACAATCATA
299001 CTCACTGCAG CCTAGACCTC CTGGGCTCAA GCAATCCTCC CACCTAAGC
299051 TCTTGAGTAG CTGGAACTAC AGGCATGCAT CACCATACTC GGGAAATTT
299101 TTAATTTTA TTTTTTTGTA GAGATGTGGT CTCATTGTGT TGCCCAAGC
299151 GGTCTCAAAC TCGTAGGCTC AAGCAATCTT CCTCCCTCAG CCTCCCAAA
299201 TGCTAGAACT ACAGGCGTGA GCCACTGCAC CTGGCCTGAG ATGTCTTTT
299251 TACACCAGAT TITTGAAGACT ATTCAAAAAC AATGTAAAAT ATTTTTAAA
299301 AATTGTTAAC ATTGATTTTT AAATGATGAT ATTCTGGAAT ATTGGATTG
299351 ATATATTACA TITIGTTITAC TITITTAAAA ACCTITAAAA TATAGTTIC
299401 TAAAAAATGT AAAAATGGCC AGGCACAGTG GCTCACACTT GTAATCCTA
299451 CACTTTGGGA GACCGAGGTG AGCAGATCAC CTGAAGTCAG GAGTTCGAG
299501 CCAGCCTGGC CAACATGGTG AAACCCCGTC TCTACTAAAA ATACAAAAA
299551 ATTAGACAGG CATAGTGGCA CGTGCTTGTA ATCCCAGCTA CTCAGGAGG
299601 TGAGGCAGGA GAATCATTTG AACCCGGGAG GCGGAGGTTG CAGTGAGCC
299651 AAATTGCGCC ACTGCATTCC AGCCTGAGCA ACAAGAACAA AAACTCCAT
299701 TCAAAAAAA AAAGTAAAAT TATATTIGTA GCTCATACTA TATTTCTTT
299751 GAACAACACT GATCTAAAGT GCTATGTTTT TCATTGTCCG TTTAAATGG
299801 TTATGATGTA ATTAGACTAG AGATCTCATG GGTTTTAGAA CTAAAATGT
299801 TTATGATGTA ATTAGACTAG AGATCTCATG GGTTTTAGAA CTAAAATGT 299851 CTGGGGTCAG ATGTGGCTTC TGGCTTTTAC TTATTTGTAT TTCTGGCCT
299801 TTATGATGTA ATTAGACTAG AGATCTCATG GGTTTTAGAA CTAAAATGT 299851 CTGGGGTCAG ATGTGGCTTC TGGCTTTTAC TTATTTGTAT TTCTGGGCT 299901 AGTTGTACCC GAAAATAAAT TTTTGTTGGA AATACAGTTT GTCCTGAGC
299801 TTATGATGTA ATTAGACTAG AGATCTCATG GGTTTTAGAA CTAAAATGT 299851 CTGGGGTCAG ATGTGGCTTC TGGCTTTTAC TTATTTGTAT TTCTGGCCT 299901 AGTTGTACCC GAAAATAAAT TTTTGTTGGA AATACAGTTT GTCCTGAGC 299951 AATAGAGGAA CATGATTTAC CTTCAATTCT GGAGAGCTAG TAAAATAAT
299801 TTATGATGTA ATTAGACTAG AGATCTCATG GGTTTTAGAA CTAAAATGT 299851 CTGGGGTCAG ATGTGGCTTC TGGCTTTTAC TTATTTGTAT TTCTGGCCT 299901 AGTTGTACCC GAAAATAAAT TTTTGTTGGA AATACAGTTT GTCCTGAGC 299951 AATAGAGGAA CATGATTTAC CTTCAATTCT GGAGAGCTAG TAAAATAAT 300001 TAGAACACTA TGTCAAGAAT GATTCTTTCT CACTCATAAC ACTTTCTTG
299801 TTATGATGTA ATTAGACTAG AGATCTCATG GGTTTTAGAA CTAAAATGT 299851 CTGGGGTCAG ATGTGGCTTC TGGCTTTTAC TTATTTGTAT TTCTGGCCT 299901 AGTTGTACCC GAAAATAAAT TTTTGTTGGA AATACAGTTT GTCCTGAGC 299951 AATAGAGGAA CATGATTTAC CTTCAATTCT GGAGAGCTAG TAAAATAAT 300001 TAGAACACTA TGTCAAGAAT GATTCTTTCT CACTCATAAC ACTTTCTTG 300051 GTGTCTGTTA TTTTAAGTAT CAAAATTCTC CTTTAAAACT CTGGGATAG
299801 TTATGATGTA ATTAGACTAG AGATCTCATG GGTTTTAGAA CTAAAATGT 299851 CTGGGGTCAG ATGTGGCTTC TGGCTTTTAC TTATTTGTAT TTCTGGCCT 299901 AGTTGTACCC GAAAATAAAT TTTTGTTGGA AATACAGTTT GTCCTGAGC 299951 AATAGAGGAA CATGATTTAC CTTCAATTCT GGAGAGCTAG TAAAATAAT 300001 TAGAACACTA TGTCAAGAAT GATTCTTTCT CACTCATAAC ACTTTCTTG 300051 GTGTCTGTTA TTTTAAGTAT CAAAATTCTC CTTTAAAACT CTGGGATAG 300101 TGTTTCACAT GTTTCTTCTT GACCTAAAAG GTGTCATTTT CAGGCACCA
299801 TTATGATGTA ATTAGACTAG AGATCTCATG GGTTTTAGAA CTAAAATGT 299851 CTGGGGTCAG ATGTGGCTTC TGGCTTTTAC TTATTTGTAT TTCTGGCCT 299901 AGTTGTACCC GAAAATAAAT TTTTGTTGGA AATACAGTTT GTCCTGAGC 299951 AATAGAGGAA CATGATTTAC CTTCAATTCT GGAGAGCTAG TAAAATAAT 300001 TAGAACACTA TGTCAAGAAT GATTCTTTCT CACTCATAAC ACTTTCTTG 300051 GTGTCTGTTA TTTTAAGTAT CAAAATTCTC CTTTAAAACT CTGGGATAG 300101 TGTTTCACAT GTTTCTTCTT GACCTAAAAG GTGTCATTTT CAGGCACCA 300151 AAGTTCTTAA ACACTAATAT TCTGGTATGT AGCTGCTGAT GAAAAATGT
299801 TTATGATGTA ATTAGACTAG AGATCTCATG GGTTTTAGAA CTAAAATGT 299851 CTGGGGTCAG ATGTGGCTTC TGGCTTTTAC TTATTTGTAT TTCTGGCCT 299901 AGTTGTACCC GAAAATAAAT TTTTGTTGGA AATACAGTTT GTCCTGAGC 299951 AATAGAGGAA CATGATTTAC CTTCAATTCT GGAGAGCTAG TAAAATAAT 300001 TAGAACACTA TGTCAAGAAT GATTCTTTCT CACTCATAAC ACTTTCTTCT 300051 GTGTCTGTA TTTTAAGTAT CAAAATTCTC CTTTAAAACT CTGGGATAG 300101 TGTTTCACAT GTTTCTTCTT GACCTAAAAG GTGTCATTTT CAGGCACCA 300151 AAGTTCTTAA ACACTAATAT TCTGGTATGT AGCTGCTGAT GAAAAATGT 300201 CTTCTTAGCA AATCCTAAGC TGGATACACA TAAAATCACA CAAGGCATA
299801 TTATGATGTA ATTAGACTAG AGATCTCATG GGTTTTAGAA CTAAAATGT 299851 CTGGGGTCAG ATGTGGCTTC TGGCTTTTAC TTATTTGTAT TTCTGGCCT 299901 AGTTGTACCC GAAAATAAAT TTTTGTTGGA AATACAGTTT GTCCTGAGC 299951 AATAGAGGAA CATGATTTAC CTTCAATTCT GGAGAGCTAG TAAAATAAT 300001 TAGAACACTA TGTCAAGAAT GATTCTTTCT CACTCATAAC ACTTTCTTCT 300051 GTGTCTGTA TTTTAAAGTAT CAAAATTCTC CTTTAAAACT CTGGGATAG 300101 TGTTTCACAT GTTTCTTCTT GACCTAAAAG GTGTCATTTT CAGGCACCA 300151 AAGTTCTTAA ACACTAATAT TCTGGTATGT AGCTGCTGAT GAAAAATGT 300201 CTTCTTAGCA AATCCTAAGC TGGATACACA TAAAATCACA CAAGGCATA 300251 CATGATAAAA TTGTATAAAA CCCAATGATAA AGAGGAAAAT TTTTTTAGT
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301101 TGTATATTTT CTTTGGAAAA ATGTCTGCTC AACTCCTTAG CCCATTTTTA
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303351 TTTTGATACC AGTACCATGC TGTTTTGGTT ACTGTAGCCT TGTAGTATAG
303401 TTTGAAGTCA GGTAGCATGA TGCCTCCAGC TTTGTTCTTT TGGCTTAGGA
303451 TTGACTTGGC AATGTAGGCT CTTTTTTGGT TCCATATGAA CTTTCAAGTA 303501 GITTITICCA ATTICTIGIGAA GAAAGTCATT GGTAGTTTGA TGGGGATGGC 303551 ATTGAATCTG TAAATTACCT TGGGCAGTGT GGCCATTTTC ACGATATCGA 303601 TTCTTCCTAC CCATGAGCAT GGAATGTTCT TCCATTTGTT CGTATCCTCT 303651 TTTATTTCAT TGAGCAGTGG TTTGTAGTTC TCCTTGAAGA GGTCCTTTAC 303701 ATCCTTTGTA AGTTGGATTC CTAGGTATTT TATTCTCTTT GAAGAAATTG 303751 TGAATGGGAG TTCACTCATG ATTTGGTTCT CTGTTTGTCT GTTATTGGTG 303801 TATAAGAACG CTTGTGATTT TTGCACATTG ATTTTGTATC CTGAGAGTTT 303851 GCTGAAGTTG CTTATCAGCT TAAGGAGACT TTGGGCTGAG ACGAAGGGGT 303901 TTTCTAGATA TACAGTCATG TCATCTGCAA ACAGGGACAA TTTGACTTCC 303951 TCTTTTCCTA ATTGAATACC CTTTATTTCC TTCTCCTTCC TGATTGCCCCT 304001 GGCCAGAACT TCCAACACTA TGTTGAATAG GAGTGGTGAC AGAGGGCATC 304051 CCTGTCTTGT GCCAGTTTTC AAAGGGAATG CTTCCAGTTT TTGCCCATTC 304101 AGTATGATAT TGGCTGTGGG TTTGTCATAG ATAGCTCTTA CTATTTTGAG

304151 ATACGTCCCA TCAATACCTA ATTTATTGAG AGTTTTTAGC ATGAAGGGTT
304201 GTTGAATTTT GTCAAAGGCC TTTTCTGCAT CTATTGAGAT AATCGTGGTT
304251 TTTGTCTTTG GTTCTGTTTA TATGCTGGAT TACATTTACT GATTTGTGTA
304301 TGTTGAACCA GCCTTGCATC CCAGGAATGA AGCCCACTTG ATCATGGTGG
304351 ATAAGCTTTT TGATGGGCTG CTGGATTCGG TTTGCCAGTA TTTTATTGAA
304401 GATTTTTGCA TCGATGTTCA TCAGGGATAT TAGTCTAAAA TTCTCTTTTT
304451 TTGTTGTGTC TCTGCCAGTC TTTGGTATCA GGATGATGCT GGCCTCATAA

304501	AATGAGTTAG	GAAGGATTCC	CICICITCCT	GTTGATTGGA	ATAGTTTCAG
	AAGGAATGGT				
	ATCCATCTGG				
	TCAATTTCAG				
	TTTAGICTT				
	GATTTTCCAG				
	GITIGIATIT				
304851	TGCATCTATT	IGALICITO	CICITICIT	CITIATIAGI	CHIGCIAGG
304901	GTCTATCAAT	HIGHIGAIC	TITICAGAAA	ACCAGCICCI	GGATICATIG
	ATTTTTTGAA				
	CTTAGTTATT				
	TCTCTAGTTC				
	TTTGAATGTG				
	TTTCAAAGAA				
	TCATTCAGGA				
	GAGTTTCTTA				
	AGICIGITAT				
	CCAACTATGT				
	TGTATATTCG				
	CCACTTGGTT				
305551	TGTCTCGTTG	<b>ATCTGTCTAA</b>	TGTTGACAGT	<b>GGGGTGTTAA</b>	AGTCTCCCAT
	TATTATTGTG				
305651	TIGIGAATCT	<b>GGGTGCTCTT</b>	<b>GTATTGTGTG</b>	CATATATATT	TAGGATAGTT
305701	<b>AGCTCTTCTT</b>	<b>GITGAATTGA</b>	TCCCTTTACC	<b>ATTATGTAAT</b>	GGCCTTCTTT
305751	GICTCTTTG	<b>ATCTTTGTTG</b>	<b>GTTTAAAGTC</b>	<b>TGTTTTATCA</b>	GAGACTAGGA
	TTGCAACCCC				
	CATCTCTTTG				
	TGAGTTTCCT				
	TGCCAGTCCG				
	TTAATATTGT				
	TATTTTGCTC				
	TTAGTCCCAG				
	AAAAAAAAA				
	ATAGAAGCCA				
306301	<b>AAGTGGATGA</b>	<b>ATCTCAGTCA</b>	GATTATTCGG	<b>AATACTAATA</b>	GCGTTCATTT
	<b>ATTTAGTACA</b>				
	TTATCTCATT				
	CATTTTAGAG				
	AATAAATGTT				
	TATGATTAAC AACATATACA				
	TTGTGGTACG				
	GCACATTAGA				
	AGTATGGTTC				
	TGTGGTAATT				
	ATTAAAAAAA				
306901	TTTTAAGTAT	TTAAAAAAATT	<b>AGTTATAAGT</b>	<b>AGTCTAAGTG</b>	TTCTGAATAA
	GTGCCAAGTG				
	GGAGATTAGG				
	TGAGTGAATA				
	TTATATTCAA				
	AGCATAGTAT TAAGGATGTG				
	ATCATTTCAT				
	CAAGAGTAGA				
	CAGAACAAAG				
	TTTTGGATGT				
	GATGATGGAA				
	GAAAATTATT				
	AGAGAGATAT				
	TTGGACCCAA				
	ATATOGTATG				
	TATTAMATGT				
	TTCAGAATAC				
	GCAAATCATA				
111/07					
	GACTGATCAG				
307901	TTAAGATTAA AAGATTTCTC	CAGTGAAGTT	TGCCACATCC	ATTGACTCTT	GTTTTCAGGA

### FIGURE 3JJJJ

308001 ATAACTTITA AAACTGGAGT CAATTCTCTC TGCCACTGCT TTATCAACTA 308051 AGTITATGTA ATATCCTGAA TTATTTGTTG ACATTTCAGT AAGGTTCACA 308101 GOGTCTTCAC CAGGAGTAGA TTTCATCGCA AGAAACCACT TTCTTGGCTC 308151 ATCCATAAGA AACAATTCTT CATTCAAGTT TTTTCATGAG ATTCCTGCAA 308201 TTCAGTCATA ATTTCAGGCT CCACTTCTAA TCCTAGTTCT ATTCCTATTT 308251 TCACCCCATT TGCAGTTACT TCCCTCCACT GAAGTCTTAA ACCCCTCAAA 308301 GTTATTCGTG AGGGTTGGAA TCAACTTCTT CCACACCCCT GTTAATGTTG 308351 ATATTTTGAC CTCCCCTGAA TCATGAATTG ACCTTCTCCC CTGAGTCATG 308401 AATGTTCTTA ATGACATCTA GAATAGTGAA TCCTTTCCAG AAAGTTTTCC 308451 GTTTACTTTG CCCATATTCA TTAGAGGAAT CACTATCTAT GACTGCTGTA 308501 GCCCTACAAG ATGTATTTCT TAATAAGACT TGGGAGTCTA AATTATTCTT 308551 TAATTCATGA GTTGCAGAAT GGATGTTGTG TTAACAAGGC TTGAAAACAA 308601 CACTAATCTA CATCTCCATC AGAGTTGTTG GCTGACTAGG TACACTGAAA 308651 ATGATCAGTA ATATTTTGAA AGGAATCATT TTATCTGAGT AGTAAGTTTC 308701 AACAGTGGGC TTAAAAATATC CAGTAATCAT GCTATAAACA AAGTGTTGTC 308751 TTGCAGGCTT GGTTGTTCCA TTTATAGAGA CAGGAAGAGT AGACTTAGCA 308801, tattettaag ageeetagga titteagaag ggtaaatgag caetggette 308851 AACTTATATT TACCAACTGC ATTAGCCCCC AACAAGAGAG TCAGCCTATC 308901 CTTTGAAGTT TTGAAGCCAG GCATTGATTT CTCTCTAGCT ATGAAAGTCC 308951 TAGATGACAT CTTCTTCCAA TATAAGGCTG TTTCATCTAC ATTGAATATC 309001 TGTTGTTTAG TGTGGCCACC TTCCTCAATT ACCTTAGCAA CATGTTTTAA 309051 ATAACTTGCT GCAATTTCTG TATCATCACT TGCTGCCTGA CCATGCACTT 309101 TTATGTTATA AAGACTGCTT CTTTTCTTAA ACTTCATCAA CCAACCTCTG 309151 CTAGCTTCAA ACTTTCTTCT GCAGCTTCTT CACCTCTCTC AGCCTTCACA 309201 GAATTGAAGA GGGTTAGGGC CTTGCTTTGG ATTAGGCTTT GGCTTCAAGG 309251 AATGTTGTGG TTGGTTTGAT CTTTTATCCA GATCACTCGA AGTTTCTCCA 309301 TATCATCAGT AAGACTGTTT TGCTCTCTTA GTATTCATGT GTTCACTAGA
309351 GTAGCACAAT TTCCTTGAAG AGTTTTTCCT TAGCATTCAC AATTTGCTTA
309401 CTGATTGGCA GAGGAGGCCT AGCTTTTGGC CTTTCTCAGT TTTCAATGCA 309451 octgottcac aaagottcat cacttotago tittitatgta aagtgagaga 309501 TGTGGGACTC TTCCTTTCAC TTAAATACTT AAAGGCCATT GTAGGGTTAT 309551 TCATTGGCCT AATTTCATTA TTATTGTGAC TCAGGGCATA GGAAGGCCCA 309601 AGGAGAGGAA GAAAAGCAGG GAACAACCAG TTGGTGGAAC AATCAGAATA 309651 CACACAACAT TTGTCAGTTA AGTTTACCAT CTTATATGGG CATGGTTTGT 309701 GGTGACCCAA AATAATTACA GTAAAAACAT CAAAGAACAG TGATCACAGG 309751 TCACCATAAT AAATATTATA ATAATGAAAA GTTTAAAATG TTGCAAAATT 309801 ACCAAAATGT GACACAAAGA CAAGAAGTGA GCACATGCTG TTGGAAAAAT 309851 GGCTGCAGTA GACTTGCTCA ATGCAGGGTT GCCACAATTT ACAATATAAT 309901 ACATTGTATT ATAAAAAATA CAATATCTGC AGAGCCCAGT AAAGCATAGT 309951 GCAATAAAAT GAGGTGTGCT TGTATTTATA GATGATATCT AAAGTCAAAG 31.0001 AATGGGTGGA ACAGTGAAGA CGAAGAAAAA GAAGAAAGTT AAGTATAAGC 31.0051 TCTGAGGCAC TTCAACTTTT AAATTTAGCC AGAGGGGGAG GAGCCAGCAA 31.01.01 GTAACAATGC ATGAATAGGA ATATCTAGAG AAATAAGAGG TATAATGTGG 310151 AGTGTCAGAA GCCAAAAGCG AAGTGTGTTA AGAACAAAAG TGTAGTTCAT 310201 CTTTTCCAAT CCTGCTGAAA ATTAGGGCAA GATACAGACA GAAAAGGCAT 310251 TTCTTAAAAT TTTAACAACC TGGAATTCAT TCATGATTTT AACAAGAATC 310301 ATTTTGGTGG AGTGAGAGGG ACAGATTTGA GTCAGCTGAG AAAAGTGTGA 310351 CAAATGAGGA ACCAGAGACA GAGCTTAAAC AATTCTTTAG CTATGAGTGT 310401 ggaagaaaga gattgggcaa tagctaagac aggataatgt gttgaacgag 310451 ggtttttagt aggcaggaga tatctgatgg aaaagagcaa atagagaact 310501 TGAAGATACT GCATTGGGGG ATGATTGCAG TGCAATGTTA TGTCGTGGCA 31.0551 GAATGAGGTG GGATTGGGAG AGATTGCTCT TAGATAAGAA GAATTGCTGG 310601 TCTGATGTAA AGTTAGGCAA AATATTTTAA AACATACTAT TAAAGCTAAC 310651 TGTCAATTCT TAGCATCACA ATGAAATCAT GAAAACCCCG CAGGTGCTTC 310701 GCAGTTCCTA CAGGGAATCT TCCTTGTTAC AACAACAACA AAGCAAAAGA 310751 AGACACCAAA CCGACCAACA GCAAGGAGTA ATATTGAATA TTCAAAAATA 310801 AAATCTATTC CTTGACTTCA AATCATTAAA GTAGAGCTGC CTATTTAAGA 310851 ACTITIATIT GCACAGTCCT ATTAATTITA ATGCCTAAAG CAGTGTTAAT 310901 CGCATGACCC ACGTGAAAAG ATTTTAAAAA TTGCTTTGTT AGAAAATGTA 310951 ATAGACTTGT CGTTAAAGTT TTCAAACTCT TTTTTAAAGA TTTGTAATAT 311001 TIGGCTAGAG TICCATITAT TITICTITAAA AAAATTATGI ACACACACAC 311051 ACGCACACAC ACACACACAC ACAGTCACTC CTATCCCGCA CCCTCAGAGA 311101 AAGTTIGAGA TTATACAGCC ACATCTGTCA GAGCTGTGCT AACCTATGTC
311151 ATCCATCTGT TCTGGTTATA TTTTCCTTCC CTTTCCTCTC TTTTTCTTCC 311201 ATTCTCCCCA GCCTTTAAAA GAAAAAAGT TGAGAGTAAA AACAAATCAC 311251 CTCTTTTAT ATTGAAATTT AAGGTGGAAG AAAAGTGGTT ATAAAAGCAT 311301 CTATCATCAT AGCACTGACT TGCCAAGTTA AGTATTTAGG TTGGAAATCA 311351 TGCCTTTCCA ACTGCTTAAA AACAGGAAGT ATCTCTGCTA AGTGATAAAT 311401 AGCTCCCTGT TGCTGGAAAG GAAGGCCTCT TITATTTCTT TCTACATTTT 311451 TGAGCAATAA TAAATGAGTT CTGCATTTTC ATACATGGGT GTATGTGTGT

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311501 GIGIGIGIGI GIGIATAATG CAGAAATCCA TITIGCAGIGI TITATGTATAC 311551 ATATATACCT CAGTATATGT AAATATATGT GAAAATACTT TCCAAGACTT 311601 TAAGCATAGA ATCTCTTCTC ATAAGCCAGC CCAGGCACAT CTTACTCAAC 311651 AATTCAAGCA AAACCTTTGG ATCTGTCAGA AACAGCTTAT AGGTCGGCAT 311701 TAGGTGATTA ATTGCCAGGA GAATCTGGTT CTATATTTTG TTACATATAA 311751 TTATTTTCTT TTCTAAAGGT GTTCTTTTAT TAAGCTCCCA CCATAAAAGA 311801 GGGGAAAATA AGCACACGTC TTACATGCCT GATGTTTAGC ACTTCTTACA 311851 AAAGAAAGAG GAAAACTTTA ACATAATCCA CTGATAAAAG CATATTTGTC 311901 TIGGCTICAG ACAGTITICT CCTCATTITT ACCAAAACIT TAATAATATT 311951 TTAACTTGCT TAGAAATTAG TCTTGGGATA GCAGTATGGA ATAATGGAAT 312001 ATACTTTGGT TATACAATCT GACGGTATAA AATTAAACCT TAGTTCACAT 312051 TCTATCCTTA ATGCTTACTA CCACTCTGAC CTTTTACAAT TACTTAACGT 312101 CTTCAAGCTT TTATTTCCCT TTTTGTAAAT TGACTATAAG AATACATATC
312151 TCCTTTTGAG TGTTACTGTG AGGATTGCAC TAATTACCAT AGTAAAGCAC
312201 TTATTACAGT TCTGAAAATA TAGTAGGAAC CCAATAACAT TACCATTTTA 312251 AACATTATTA GITTGCTTAT TCTAAGCTCT GCCACTTAAT CATGTATGAC 312301 TCAATATCAA TATTACCTCC ATGGGCCTCA GTCTTCTCAG TAAATACAGG 312351 AGTTTAGAAA TGGAAGAATT TTTTGTGAGA CTAATGTCCT GTGATTCTCT 312401 AATTATCTTC ATATCAAATG AAGAAAAAGT ATTTTCATTT TAGATACAAA 312451 TTATTCTTAT CCCCATAACT GACAAAGCAA GGAATATGGC TTCTACAATG 312501 TAATTTCTGC TTTACTTTTG ACTGAGTATT CATAAGACTT CTTTTGGTGT 312551 TGATTATGGT CTCTAGAGCG AGACTGCCAA TATTTCAATT CTGGCTCCCC 312601 ACCACTTACC AGCTATGTAA CTTTAGGCAA ATTATTTAAC CTCTCTCTAA 312651 CTCAGTTTTA TTATCTATAA AGTGAGACTA ATAATAGTAC CTCGCCTTCC 312701 gggctgttgt gcagattaaa ggagtttat gtaaactcat tcatgaattt 312751 TATGTAAAAG AGTTTGAACA ATATCAAGCA TATTGTACAT TTCACATGCA 312801 CATATTATTG TTGTCATCAT TGTCATTGTC TGGAATAACA TCAATTGCCT 312851 CTAACCATAG CATGGGAATA CTGTAATAGA TGAATAAGAG TTTGACTATC 312901 tgaaatgcag ttictagcacc ataggetttg ataagtatet tactaatgac 312951 AGATCTCTAA ATATGCATGC ACATACCAAT AGAGTGAGGG AAGAAAATTT 313001 AGAAACATAC TCATGACTAT TITATGTACC ATTCTTTTA ATGTACACTT 313051 TTGTGTTGTA TACAATATAT TAATACAAGA AGGCATGTGT ATGCTTTCTG 313101 ACTAAACATT AAAAAATGGG GGAAAAGTGC TCACATAGTT TTTACTAATA 313151 TGAATGAATG ATCAAAAAAC TTTGGAGACA GCTGTCCTAG GAGACAGTGT 313201 CTTCCAAAGG TGGTGTTAAC TTGACCTCGC CATCAGTCTC AGTTGTCTGC 313251 CCTGTACTAG ATGGAGATGA ACATGTATTG AAGAAGCAAA TCAAACTTTC 31.3301 ATGACTCCAG AGAGTCTGGA AAGACCACAA CGAGTAGTCC TTTGCTAAAG 313351 atagaataag tgtagtatgg aatccaagtt attictgacta tgtcaactac 313401 TTGGTGTGAC TGAATAATCA AATACCTGAG AGATGTCAAA TAAATCATTC 313451 CTTTTCAGTA CTCATATTTG GACTTCACCA TGGAAGAAAA TACTGCTGTT 313501 CTCAGTGCCC AGGGACTACA AAACCACATT CCCACAGAAT AACCAAATTC 313551 CTTTTCTGCT TATGTTTAAC AGCAGTGCAA CTGGGCTTTT CTAATAGATT 313601 TTAAACTTTT TGTTATAAAT ATTGTTACCT CCACGGAAGT GAGGAAATTA 313651 TATTTTTTAA CTATTCTGCT TAGAAAATAC CACAAATAAA GGAAAATCAA 313701 TAAATTTCTT TCTTAAGTGG ATACATTTTA AAGCAGAGTT ACCAGTATTT 313751 GAAAATAACT CAAAATGAAC TTCTTTCTCT CTAAGAAGTT CTCATAATGG 313801 GTTGATATGA CCCATGTGTT AGTACATAGA TACCTAGGAG TAAATGCCCC 313851 CACCTCCTTT GGGTAATGTA TTTTTGGGGG GAATCTGATA GATACACTCT 313901 CCTGAAAATA CAAATACAAA ATTTTTACAC GTAAAATTTA GCCTACAGTT 313951 TCAAGGCTTC ATAGATACTG TTTTCCCTAA ACGCATTCAA GAACCTTTAG 314001 GTAACTGAGA TCTTCTGGAT GTGAAAGGGA TGTAGCTACA TATACATTCC 314051 AACCCATAAG CCACTGTGTC ATCATTGCAG TTTATGATAA GCTTTCTGTA 314101 AACCCTTCAT TITICTAGGIT TGGCTTCAAA AGTCATTGGT GCAATTCTTA
314151 ATTACATAGT TACGTCTTGT TITTTTAACGC TTGAAATAGT GTTAAAATGA
314201 TGGCATCTGC ATTATCTCTT TGCTGTGTGA TATTTGCTTA TTATGTTTTA 314251 ATTATTTAAA TITTTATGAG GCCACCATGT AAGTTATAAT CTGAATCTTC 314301 CCAAAGATAT ATTGTCTTAC ATTCTGCCAC AGAATTAAAA TGACAAAAAT 314351 AGTGCATCTC ATAGCAAAGA CATAGAGTTC CACTTTACAG ATGAGAAAGC 314401 TAAGGCTTAA GAGCACTTAG AGTGATTTGA TTCATTTATG AGGTAAGGGA 314451 CTGTCCACGT TCACCTATGA GGCTTTTTTA AACTAACTTG TACAAGCCAT 31.4501 ATCTCTCAAA GTCTAGTCTA GGAACTTTCT CTGTCAGAGT CAGCTGGCAA 314551 GCTTATTAAA CATGCAGGGT CTGACCTCTC CCTCCAGACC AAATGGGATG 314601 TAAATGGGGA ACAAGATTCT TCTAGATGAG CAGATAAGCC AGATGATTCC 314651 TGTGCACATT GAGGTTTGAG AAACCCTGAA AATTGGTTTA ACTTTAACTG 314701 CACATTAGAA TOGAAGAAAA TAATTTGCCT GGACCTAGAC TGATTGATTG 314751 TCACTGGAGC AAGGAGGTGG AGGTAACCTA GGTTCTTAAA GTTCACCAAG 314801 TGATTGTGAT GCACAGTGAA GGTTAAAAAC CACTACTCTA AAGTATTTAG 314851 AAAGTTTTCC TGTAAAAGGC CAGATGGTAA ATATTTTAGA CTTTATAGGC 314901 TACATCTGTT ATTCCTTGTA GCTACTCAAC TTTGCTGACT TAGAATGGAA 314951 ATAGCCATAG ATAATATGCA AATGGCTGAA CAGGGCCATG TTCTAACACT

### FIGURE 3LLLL

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315001	TCATTTATAA	AAACAGCTGG	TGGGACAGAT	TGTAGTTTGC	CAAACCCCTAC
315051	ACACCICCIC	<b>ACAGTCCCTG</b>	CCATGTGCCT	CAAAGGTGCT	GTTAGACTGT
315101	CTTCTAAACC	TGAGATGTTT	CTACTICITY	CAACTAAAGG	TICGAAAACTA
212101	GIICIAMACC	ATTENANTAC	CIAGITATI	TATICCEAT	AATTCCCACCA
312121	CCATAI IAMA	ATTCAATTAC	GGGCIGGGCA	IGAIGGCIAI	AATUUAGA
315201	CTTTGGGAGG	<b>AGATCATAGT</b>	GACGCCACTT	GAGGCCAGGA	GITICAAGACC
315251	AGCCTGGCCA	<b>ACATGGTGAA</b>	ACTGTGTCTC	TACTAAAAGT	ACAAAAATTA
		GTGGTGCATG			
212301	CCATTACAAT	CGCTTGAACC	TACCACCTCC	ACTITICACT	CACCTCACAT
212221	GCATGAGAAT	CICTIGACC	TAGGAGGIGG	AGITIGOAGI	G-GCTG-G-1
315401	CATGCCACTG	CACTCCAGCC	TGGGCGACAG	AGTGAAACCT	IGICICAAAA
315451	AAAAAAAAA	AAAAAAAAG	GAGTTCCATT	CCAAGAGGGC	CAAATAGGAA
315501	CAGCTCTGGT	CTGCAGCTCC	CAGCATGATC	GACACAGAAG	ATGGGTGATT
315551	TOTOGETTIC	CAACTGGGGT	CACTACTTCA	TETEATTRAG	ACTIGGTTIGGA
312001	CACTOCCTIC	ACCCCACCCA	CACTICAACTIC	AAATACCCTC	CCCCATTCCC
		AGCCCACGGA			
		ACTGGAAGGG			
315701	AAGCCATGAC	<b>AGACGGTACC</b>	TGGAATATCG	CTACACTCCT	GCCCAAATAC
315751	TGCGCTTTTC	CCATGGTCTT	AGCAACTGGC	AGACAAGGAG	ATTCTCTCCC
315801	CICCUCCI	TGGCAGATCC	AACACCCACG	GAGCCTTTGCT	TECTECTAGE
317001	COACCACTET	GAGATCGACC	TECCACCETTE	CACCCTTCCCA	CCCCCACCCC
2T202T	GLAGLAGIII	GAGATOGACC	IGCGAGGCIG	CAGCCIGGCA	CCACCAACCT
31280T	CATCCGCCAT	TGCTGAAGCT	TAAGTAGGTA	AACAAAGIGG	CCAGGAAGCT
315951	CAAACTGGGT	<b>GGAGCCCACT</b>	GCAGCTCAGG	AAGGCCTACT	GCCTCCATGT
316001	ACTGTACCTC	TGTAGACAGG	<b>GCATAGCTGA</b>	ACAAAAGGCA	GCAGTAACTT
		AAACGTCCCT			
		GCATTTGAGC			
		CCCCCATGTA			
		CCTCATACAG			
316251	AGGAAGGATC	<b>AGGCAGTAAT</b>	ATTTGCTGCT	CGGCAGCCTC	CGCTGGTGAT
316301	ACCCAGGCAA	<b>ACAGGGTCTG</b>	GAGTGGACCT	CCACCAAACT	CCAACAGACC
316351	TCTTCCTTAG	GGACCTGACT	CTTAGAAGAA	AAACTAACAA	ACCAAAAGGA
310331	ATACCATICA	CATTCAACACA	AACCACTTCC	ACACAAAAA	CCCATCTCTA
		CATCAACAGA			
316451	GGTCACCAAC	ATCAAAGACC	AAAGGTAGAT	AAAACCACAA	AGA I GGGGAG
316501	AAACCAGAAC	<b>AGAAAAGCTG</b>	AAAATTCTAA	AAACCAGAGC	GCCTCTTCTC
316551	CTCCAAAGGA	TCACAGCTCC	TTGCCAGCAA	CAGAACAAAG	CTGGATGGAG
		ACGAGCTGAC			
216651	AAACTTCTCC	AAGCTAAAGA	ACCCTCTTCT	AACCCATTCC	GAGGAAGCTA
3TP\0T	AAAACCT IGA	AAAAAGGTGA	GACAAAIGGC	TAACTAGAAT	AAACAGIGIA
316751	GAGAAGACCT	TAAATGACCT	GATGGAGCTG	AAAACCATGG	TATGAGAACT
316801	<b>TCGTGACACA</b>	TGCACAAACT	TCAGTAGCCA	ATTCAATCAA	GTGGAAGAAA
316851	GGATATCAGT	GATTGAAGAT	CAAATGAAAG	AAATGAAGCG	AGAAGAGAAG
		AAAGAGTAAA			
316061	ATCTCAAAAC	ACCAAATCTA	CATTECATEC	CTCTACCTCA	AACTICACCCC
		CCAAGTTAGA			
317051	CTTCCCCAAC	ATAGCAAGGC	AGGCCAACAT	TCAAATTCAG	GAAATACAGA
317101	GAACACCACA	<b>AAGATACTCC</b>	TCAAGAAGAG	CAACCCCAAG	ACACATAATT
317151	CTCAGATTCA	CCAAGGTTGA	AATGAAGGAA	ΔΔΔΔΤΩΤΤΔΔ	GGGTAGCCTG
317301	ACACAAACCT	CAGATTACCC	ACTAACCCAA	CCCCATCACA	CTAACAGCGG
		CAGAAATCAT			
		AAAAGAATTT			
317351	<b>AAGCTTCATA</b>	<b>AGTGAAGGAT</b>	AAATAAAATC	CATTACAGAC	AAGCAAATGC
317401	TGAGAGATTT	TGTCACCACC	AGGCCTGCCT	TACAAGAGCT	CCTGAAGGAA
317451	GCACTAAACA	AGGAAAGGAA	CAACCAGTAC	CAGCCACTIGC	ΔΔΔΔΔCΔΤGC
317501	CAAATTYTAA	AGACCATCGA	TECTTTEAAC	AAACTICCATC	AATTAACACC
2T/22T	CAMATACCC	AICIAALAIC	AIAAIGACAG	GATIAWATIC	ACACATAACA
31\00T	ATACTAACCT	TAAATGTAAA	TGGGCTAAAT	GUGCCAATTA	AAAGACACAG
317651	ACTGGCAAAT	TGGATAGAGT	CAAGACCCAT	CAGTGTGCTG	TATTCAGGAG
317701	ACCCATCTCA	TGTACAGAGA	CACATACAGG	CTCAAAATAA	AGGAATGGAG
317751	GAAGATCTCA	CAAGCAAAAG	GAAAGCAAGA	AAAATCATAG	GTTGCAATCC
317901	TACTOTO	TAAAGCAGGC	TITAAACCAA	CAAAGATCAA	AAGAGACAAA
21/827	<b>GANGOI CATT</b>	ACATAATGGT	AVIACUSATCA	ALICAACAAG	MACHALIANC
⊀1.79M					
J J	TATCCTAAAT	<b>ATATATGCAC</b>	CCAATACAGG	AGCACCCAGA	HOAIAAGC
317951	<b>AATCTGGGAG</b>	ACTITAACAC	ACCACTGTCA	<b>ATATTAGATC</b>	AACGTGACAG
317951	<b>AATCTGGGAG</b>	ACTITAACAC	ACCACTGTCA	<b>ATATTAGATC</b>	AACGTGACAG
317951 318001	AATCTGGGAG AAGTTTAACA	ACTITAACAC AGGATATCCA	ACCACTGTCA GGACTTGAAC	ATATTAGATC TCAGCTCTGC	AACGTGACAG ACCAAGCAGA
317951 318001 318051	AATCTGGGAG AAGTTTAACA CTTAATAGAT	ACTITAACAC AGGATATCCA ATCTACAGAA	ACCACTGTCA GGACTTGAAC CTCTCCACCC	ATATTAGATC TCAGCTCTGC CAAATCAACA	AACGTGACAG ACCAAGCAGA GAATATACAT
317951 318001 318051 318101	AATCTGGGAG AAGTTTAACA CTTAATAGAT TCTTCTCAGC	ACTITIAACAC AGGATATCCA ATCTACAGAA ACCACGTCGC	ACCACTIGTCA GGACTTGAAC CTCTCCACCC AATTACTCTA	ATATTAGATC TCAGCTCTGC CAAATCAACA AAATCGACCA	AACGTGACAG ACCAAGCAGA GAATATACAT CATAATTGGA
317951 318001 318051 318101 318151	AATCTGGGAG AAGTTTAACA CTTAATAGAT TCTTCTCAGC AGTAAAGCAC	ACTITIAACAC AGGATATICCA ATCTACAGAA ACCACGTICGC TICCTICAGCAA	ACCACTGTCA GGACTTGAAC CTCTCCACCC AATTACTCTA ATGTAAAAAC	ATATTAGATC TCAGCTCTGC CAAATCAACA AAATCGACCA AGGAATCACA	AACGTGACAG ACCAAGCAGA GAATATACAT CATAATTGGA ACAAACTCTC
317951 318001 318051 318101 318151 318201	AATCTGGGAG AAGTTTAACA CTTAATAGAT TCTTCTCAGC AGTAAAGCAC TCTCTGACCA	ACTITIAACAC AGGATATICCA ATICTACAGAA ACCACGTICGC TICCTICAGCAA CAGTIGCAATG	ACCACTGTCA GGACTTGAAC CTCTCCACCC AATTACTCTA ATGTAAAAAC AAATTAGAAC	ATATTAGATC TCAGCTCTGC CAAATCAACA AAATCGACCA AGGAATCACA TCAGGATTAA	AACGTGACAG ACCAAGCAGA GAATATACAT CATAATTGGA ACAAACTCTC GAAACTCACT
317951 318001 318051 318101 318151 318201 318251	AATCTGGGAG AAGTTTAACA CTTAATAGAT TCTTCTCAGC AGTAAAGCAC TCTCTGACCA CAAAACCGCA	ACTITIAACAC AGGATATICCA ATICTACAGAA ACCACGTICGC TICCTCAGCAA CAGTIGCAATG CAACTACATG	ACCACTIGTCA GGACTTIGAAC CTICTICCACCC AATTIACTICTA ATIGTAAAAAC AAATTIAGAAC GAAACTIGAAC	ATATTAGATC TCAGCTCTGC CAAATCAACA AAATCGACCA AGGAATCACA TCAGGATTAA AGAACAGCCT	AACGTGACAG ACCAAGCAGA GAATATACAT CATAATTGGA ACAAACTCTC GAAACTCACT GCCCCTGAAT
317951 318001 318051 318101 318151 318201 318251	AATCTGGGAG AAGTTTAACA CTTAATAGAT TCTTCTCAGC AGTAAAGCAC TCTCTGACCA CAAAACCGCA	ACTITIAACAC AGGATATICCA ATICTACAGAA ACCACGTICGC TICCTCAGCAA CAGTIGCAATG CAACTACATG	ACCACTIGTCA GGACTTIGAAC CTICTICCACCC AATTIACTICTA ATIGTAAAAAC AAATTIAGAAC GAAACTIGAAC	ATATTAGATC TCAGCTCTGC CAAATCAACA AAATCGACCA AGGAATCACA TCAGGATTAA AGAACAGCCT	AACGTGACAG ACCAAGCAGA GAATATACAT CATAATTGGA ACAAACTCTC GAAACTCACT GCCCCTGAAT
317951 318001 318051 318101 318151 318201 318251 318301	AATCTGGGAG AAGTTTAACA CTTAATAGAT TCTTCTCAGC AGTAAAGCAC TCTCTGACCA CAAAACCGCA GACTACTGAG	ACTITAACAC AGGATATCCA ATCTACAGAA ACCACGTCGC TCCTCAGCAA CAGTGCAATG CAACTACATG TAAATAACAA	ACCACTIGTCA GGACTTIGAAC CTICTICCACCC AATTIACTICTA ATIGTAAAAAC AAATTIAGAAC GAAACTIGAAC AATTIAGGCAG	ATATTAGATC TCAGCTCTGC CAAATCAACA AAATCGACCA AGGAATCACA TCAGGATTAA AGAACAGCCT AAATAAGGAT	AACGTGACAG ACCAAGCAGA GAATATACAT CATAATTIGGA ACAAACTICTIC GAAACTICACT GCCCCTGAAT GTTGTTTGAA
317951 318001 318051 318101 318151 318201 318251 318301 318351	AATCTGGGAG AAGTTTAACA CTTAATAGAT TCTTCTCAGC AGTAAAGCAC TCTCTGACA CAAAACCGCA GACTACTGAG ACCAGTGAGA	ACTITAACAC AGGATATCCA ATCTACAGAA ACCACGTCGC TCCTCAGCAA CAGTGCAATG CAACTACATG TAAATAACAA ACAAGACAC	ACCACTIGTCA GGACTTIGAAC CTICTICCACCCC AATTIACTICTA ATTIGTAAAAAAC AAATTIAGAAC GAAACTIGAAC AATTIAAGGCAG AACGTTACCAG	ATATTAGATC TCAGCTCTGC CAAATCAACA AAATCGACCA AGGAATCACA TCAGGATTAA AGAACAGCCT AAATAAGGAT AAATTAGGAT AAATTAGGAT AATTAGGAT	AACGTGACAG ACCAAGCAGA GAATATACAT CATAATTGGA ACAAACTCTC GAAACTCACT GCCCCTGAAT GTTGTTTGAA ACACATTTAA
317951 318001 318051 318101 318151 318201 318251 318301 318351 318401	AATCTGGGAG AAGTTTAACA CTTAATAGAT TCTTCTCAGC AGTAAAGCAC TCTCTGACCA CAAAACCGCA GACTACTGAGA ACCAGTGAGA AGCAGTGTGT	ACTITIAACAC AGGATATCCA ATICTACAGAA ACCACGTCGC TCCTCAGCAA CAGTGCAATG CAACTACATG TAAATAACAA ACAAAGACAC AGAGGGAAAT	ACCACTIGTCA GGACTTIGAAC CTICTICCACCC AATTIACTICTA ATIGTAAAAAC AAATTIAGAAC GAAACTIGAAC AATAAGGCAG AACGTACCAG TTATAGCACT	ATATTAGATC TCAGCTCTGC CAAATCAACA AAATCGACCA AGGAATCACA TCAGGATTAA AGAACAGCCT AAATAAGGAT AATCTCTGGG AAATGCCCAC	AACGTGACAG ACCAAGCAGA GAATATACAT CATAATTGGA ACAACTCACT GCCCCTGAAT GTTGTTTGAA ACACATTTAA AAGAGAAAGC
317951 318001 318051 318101 318151 318201 318251 318301 318351 318401	AATCTGGGAG AAGTTTAACA CTTAATAGAT TCTTCTCAGC AGTAAAGCAC TCTCTGACCA CAAAACCGCA GACTACTGAGA ACCAGTGAGA AGCAGTGTGT	ACTITIAACAC AGGATATCCA ATICTACAGAA ACCACGTCGC TCCTCAGCAA CAGTGCAATG CAACTACATG TAAATAACAA ACAAAGACAC AGAGGGAAAT	ACCACTIGTCA GGACTTIGAAC CTICTICCACCC AATTIACTICTA ATIGTAAAAAC AAATTIAGAAC GAAACTIGAAC AATAAGGCAG AACGTACCAG TTATAGCACT	ATATTAGATC TCAGCTCTGC CAAATCAACA AAATCGACCA AGGAATCACA TCAGGATTAA AGAACAGCCT AAATAAGGAT AATCTCTGGG AAATGCCCAC	AACGTGACAG ACCAAGCAGA GAATATACAT CATAATTGGA ACAAACTCTC GAAACTCACT GCCCCTGAAT

98/154

318501	AAGAAAGAGG	AAACATACAA	AAGCTAGCAG	AAGGCAAGAA	ATAACTAAGA
318551	TCAGAGCAGA	ACTGAAGGAG	ATAGACACAC	ACAAAAAACC	CTTCAAAAAA
310501	TCAATGAATC	CACCACCTICG	TITTECAAA	ACATCAACAA	AATTGATAGA
310CL1	CTGCTAGCAA	CACTAATAAA	CAACAAAACC	CACAAGAATG	AAATACACCC
31802T	CIGCIAGCAA	GACIAAIAAA	ATATEACE	GGGGGGGGGGG	CAAATACAAA
	AATAAAAAT				
	CTACCATCAG				
	CTAGAAGAAA				
318851	CCAGGAAGAA	GTTGAATCTC	TGAATAGACC	AATAACAGGT	TCTGAAATTG
	AGGCAATAAT				
318951	TCACAGCCAA	ATTCTACCAT	AGGTACAAAG	AGGAGCTGTT	ACCATTCCTT
310001	CTGAAACTAT	TCCAATCAAT	AGAACAAGAA	CCAATCCTCC	CTAACTCATT
	TTATGAGGCC				
	AAAAAGAGAA				
	CTCAATAAAA				
	CCACTATGAT				
	TACGCAAATC				
	AACCACATGA				
319351	ACAGCCGTTC	<b>ATGCTAAAAA</b>	CTCTCAATAA	ACTAGGTATT	GATGGAAATA
319401	TCTCAAAATA	<b>ATAAGAGCTA</b>	TTTATGACAA	ACCCACAGCC	AATATCATAC
	TGAATGGGCA				
310501	GGATGCCCTC	TCTCACCACT	CCTACTCAAC	ATAGTGTTAG	AAGTTCTAGC
	CTGGGCAGTC				
	COGGAAGTCAA				
	ACCCCATCGT				
	AAAGTCTCAG				
	CACCAATAAC				
	TGCTACAAAG				
	AGGACCTCTT				
	GACACAAACA				
319951	<b>ACTGCCCAAG</b>	GTAATGTACA	GATTCAATGC	TATCTCCATC	AAGCTACCAA
320001	TGATTTTCTT	CACAGAATTG	GAAAAAACTA	CTTTAAAATT	CATATGAAAC
320051	CAAAAAGGAG	CCCGCATAGC	CAAGACAGTA	CTAAGCAAAA	ACAACAAAGC
	TGGAGGCATC				
320151	CCAAAACAGT	ATGGTACTGG	TACCAAAACA	<b>GATATGTAGA</b>	GAACAGAGGC
	CTCAGAAATA				
	ACAAAAACAA				
	GAAAACTGGC				
	ACCTTATACA				
320331	CTAAAACCAT	AAAAACCCTA	CAACAAAACC	TACCCACTAC	CATTCAGGAC
	ATAGGCCTAG				
320431	AAAAGCCAAA	ATTCACAAAT	CCCATCTAAT	TAATCTAAAC	ACCTTCTCCA
	CAGCGAAAGA				
	AAAATTTTTG				
32065T	CAATGAACTC	AMCAMAIII	ACANGANANA	AAACAACCCC	AICAAAAGI
	GGGCAAAAGG				
	AACAGACACA				
	AATCAAAACC				
320851	TTAAAAAGTT	GGGAAACAAC	AGATGCTGGA	GAGGATGTGG	AGAAGTAGGA
	ACGCCTTTAC				
	GACAGTGTGG				
321001	CAGCCATCCC	ATTACTGGGT	<b>ATATACCCAA</b>	<b>AGGATTATAA</b>	ATCATGCTGC
	TATAAAGACA				
	<b>AAAGACTTGG</b>				
321151	<b>AAATGTGGCA</b>	CAGATACACC	<b>ATGGAATACT</b>	<b>ATGCAGCCAT</b>	AAAAAAGGAT
	GAGTTCATGT				
	CAGCAAACTA				
	TAGGTGGGAA				
	ACACACTGGG				
	GGAGACATAC				
	TGGCTCATGT				
	TGTAATTAAA				
	GTAATCTGAG				
25100T	GCACCGTAGG	CACACCOCC	IGICCAAAA	MINWALIT	AMAIGITAGE
257027	CAGATGTGGT	AGCACACACC	IGIGGICCA	CIATIO	AGGCTGAGGT
25T/0J	GGGAGGACCG	CTTGGACCCT	GGAGGTCAAG	ICIGIAGIGA	GCCAIGAIG
321/51	CGCTACTGCA	GTCCAGCATG	GGCAACAGAG	CAAGACCCCA	ICTCAAATAA
321801	ATAAATAAAA	CTCAGTAAGT	AATAGAGCCA	GAATTTTGAA	CTATGAATAG
	GTAAGATTAA				
321901	<b>AAGGTATCAG</b>	AGACAAGGAA	AAAGAAAGGT	GCACTGAACA	GCCAAAGCAG
321951	GACTGACGGA	ACTCAGAAAT	GGGCTGGGAC	CAGCCTGGGA	GAAAGAAAAC

### FIGURE 3NNNN

322001	GCAAGGCAAA	GAAAAGGATA	AAACAGCCCT	GCTGCACTCT	GGIGGGACIG
322051	ATAAGAAATA	<b>GCTTCTGTAT</b>	CHGGIATT	TGTACCITAA	AAAAAAIIGA
322101	GGAGTGGCAG	GAATAGAAAA	CAGAAACAAT	GICICITIGG	GGTGAGAGAC
322151	AGAAACACGC	TGTTCCTCTC	AGAGGATGTG	GAAACATTGA	TGACCTCTGC
322201	AAGTGCAGGC	AGGCAGTATC	CACAGCTCTG	CATCACCACT	CGGCGTCACC
322251	<b>ACTGTGCAAC</b>	CCATCAGTCC	TGTGGTGCCCC	GTTCAAGTCA	CATTGTATAA
322301	<b>ATCTGTCCTA</b>	CGGCATCTGT	<b>ATCCTCACCA</b>	TCTAATAACT	TTAGCACAGA
322351	ATATIGITIA	<b>AGAATGATGG</b>	AGAGGGAAAA	GAAGACTTTG	AGTCAACAAA
322401	ACCITIGIT	GTTTACATTT	ACCATATCAT	CCATTCTTTG	TAGTATATAT
322451	CAGAAGACTT	TCATTTTAGG	ΤΤΤΤΔΑΔΔΑ	TOGITIATAT	GTAATGAGTT
322501	AAAAACCTTA	GTTATCCAGA	ΔΔCΔΤΔΤΤ	GAGCAACATG	TTTTTGGTAC
322301	CACCTECTET	CTTATATATT	TOTAL	ATECTICAL	ATACCTAGTA
322201	CCTCTCTCTA	GGCAGATCAC	CTTACATTGE	CATTICITIES	AAATTIGGGAA
322661	AAAATATATC	TCCTTTGAAT	ATCTTATGET	TCACCACCC	CATTAGAAAA
255627	AWAIAIAIG	TGTTGTGGA	TATICTICAAA	ACAAATCTCA	ACAATCETTA
3227UI	IAIAAACAAC	IGITGIGIGA	ATCACACTT	CTTTCTATAC	AAATCATTTG
322/2T	GGAGIAAIAI	AGAGAAGAAA	AIGACAGITI	TOCCOTTOCCA	CTACACACCA
32280T	AAAGAATAAL	TAGGATTTTC	CIGGAGIACA	1GGCC1GGGA	TOTCAACAAT
322851	CIGITICAGAT	AAAGAGATCA	CIAITIAIAA	ATTAGAGAGG	IGIGAAGAAI
322901	ATGCTCATAG	CAATTTTAGG	GGAAGTACAA	GGAGTICAGI	ATTGGTAGAA
322951	AGTAAAGGGC	CTGGAGGGGT	CAAATAACAG	GAGACGATGC	TGGGAAAAGA
323001	AGCAGAGGAC	AGGCCATTTG	TCCCCCACTGC	CACTACTCCC	TTACCCCCAT
323051	TAAGAACCCA	TGGGTTTATA	TATTTTTAAA	TATCTTAAAA	TATGTAAATA
323101	TCTAAGTAAG	TTCTTCACTC	CTATTCTATC	TTATGGAGAC	CCTTTTTAAA
323151	GAGTGAATTT	TATAGAGACA	TAGGAAATGT	TAGTTTGCAT	TGTTTTCACT
323201	TTGCCCCTAT	AGTTTTTAA	AAAGCAGATT	CACTITITAC	AAGAGGAAGA
323251	ATTTGGATTA	<b>GTGCTGGATA</b>	CATACTGTTT	TGACTTGTAA	AATGACTCTT
323301	TAATAGAAAT	<b>GGACAAAGAA</b>	<b>AATATGCTAA</b>	TAAAATAACT	TAAGTATGTG
323351	TATGIGIGIG	CATGCTAAAT	ппппст	TCIGITCICI	TCATTTTGTG
323401	CTCATCATCA	ATTICTICA	TTTACTGTGG	TGCATTTTTC	CTGAACACCT
323451	GCTGTCAAAT	GCATCAAGTC	TTTTCTTGCA	CAGTGCTACA	GGTTTTTGCA
323501	GAACTGAGCA	AGCCCAACAT	TAGACAGATA	GCCTAAAGAC	TGATTGATTT
323551	ATTIGITITA	ATACAAATAT	ACGCTCACAT	GTTGACATAC	AGAAATCTGT
323601	TTCAAATCAA	TTATTTTTA	AAGAACAAAG	ΔΑζΤΤΤΑΤΑΔ	CCTAGTACC
222651	TAATCTATG	CCTGACACAT	ACTACATACT	CACCAAATAT	CTGTGGGACT
22202T	CAACTECTET	GTGAAGCCTA	CCTAACCACT	AAACACTICIC	ACAACTITIT
3237UL	GAACIGCICI	GGGAAGTGAT	TATETTAAAT	ACTITION	CAAATTCAAT
323/31	CAGCITIAIG	AAACCATCTC	CACCACTTCA	AAACTCAACT	CATCCAACAT
32380T	IATIGITIAA	AAAGCATGTC	CACCAGIIGA	ATTICITION	TTCCACAATA
32382T	TGTTAAGATC	CAGGTTTTAA	ITTAGCAGAT	Alignicici	CTCCCTTTCC
323901	ATTACGAATC	TATTTAAAAT	AAAIGCIIII	HAICHTIAL	CICCLITIC
323951	ACAATGGAGT	GGCATTGTCA	AAAGGGGAAA	GIGICIAAIA	AIAAGIIGAA
324001	AACATTGTGC	AGTTATACTT	CAAAGACATC	ICHAAAHG	ICCIGI ICAG
324051	GTTCACTGCC	TCTGCTATTA	TICATGLICI	AATTTAGGGC	CTCGAAATIG
324101	TATTAGTTGC	CTAACTGGAA	GTTGCACTTC	GTCCTGTGC	TTCTTCCACA
324151	CTGCTGCCAG	AATCATTTAC	TTTCTTCAAC	AGAAAATCAA	GCCTGTCTCT
324201	TTCCTCATTA	AAAACCTTGCA	ATTTGCTACG	GACTIGTGAGA	TAAGGACCAA
324251	ACTCCTTGGC	ATTACATACC	ATATGTAATG	TAATTATACC	TGTGGATTTT
324301	TTTTCTCAAT	CTACCTTCAT	GTCCCCATGT	TTCTAAGCAT	CCTCTACCAG
324351	TGCTTCCCAA	AATTTTTCAT	GACATGTCAC	ACATGGAATA	ATAACCAGAT
324401	GATACCACTG	TCTGACTGCC	TGAAGTCTCT	GCCTTCTCTG	AGCTTTCTGG
324451	CCCTTCTGAG	ATCTGAAGGA	AACAATATCT	TAAGCATACC	CTCTAATCCA
324501	TTCCCAGTAC	AACCACTGGG	AAAGTCTGCC	CTACATGTGA	CCACAGTAAA
324551	CCTTTTCGCC	TCCCAGGAAT	GGTTTGTGCA	CIGCTITICT	TCTTTGCTTA
324601	TAATATTCAT	TCTGCCTTTT	CACAGTTTCT	CAATCTGGTA	AATTTCCCCCT
324651	CCTTGTCATT	TAAAGCCCGG	CTCATTTGGA	TTTGGGAAAT	GTTTCTGGAA
324701	TTTTTTAAG	AATATGTGAA	GCTCTTTGTT	TCCAATTAAA	GCCTTATCTT
324751	ΑΔΑΤΓΔΑΤΤΔ	ATTITGACTO	TTAGAAATTC	TCTTTCCATT	TTCTGACCCA
324801	TTIGTAATAA	CTTAATTTA	AGGTTACACC	TACTGTACCA	ATAATGATTT
324851	TGITTITAAA	ΑΛΤΑΓΑΛΑΤΑ	AAAATCTCCC	пства	TTTTGGAAAC
324001	AGITICITIC	CCCCTAAAT	TATATTGCCC	ATGGTTTCAT	AAATACACAT
324051	. ~~: I I C I I I C	TTACTTATE	· VVVCCCITCIO	TERCTION	TGCGTGCGTG
ろうとしして	יייית בוובערבור	Tellenenene	TOTOTOTO	TACTACTAAT	ACTAACATAA
225051	DIDIDIDIDI Tatatata	CATTACTACC	CACTTACCTA		TTAAAAGATC
225101	. AIAIAIAIAI	AAA	. CACI IAGCIA	ACCCC AAACT	TCTAAGAGAA
225464	TUNINGE .	ICI IGIGWA	~~~~~~~~		TGCTTATTTT
372704 753737	. AMATIATIGAA	MAIIGGIIIC		CONTRACTOR	TOUTACTE
222201	TANIDUMAN.	GAICIIIIGI	1110404011	CCCCAACC	TGTCACTTAG
52525]	. GCIGGAGIGC	AGIGGIGGAT	GULIUUIAG	CILIVACCI	CCTGGGCTCA
32530]	. AGTGATCCTC	CCACCTCAGC	IGGGACIACA	GUIGIGIA	CCACCACACC
325351	. CGGCTAATTT	HAIGHTIG	HOHIGH	GILIGITIGI	TTTGTAGAGA
325401	. TGGGGTTGCG	CCATGITICCC	IAGGCTGGTC	CONTRACT	GAGCTCAAGC
325451	GATCTGCCTG	CCTTAGCCTC	COMMISCI	COCATTACAG	Heldidididi

				100/101	
325501	GCCACTGTGC	CTAGCCTGAT	TGATTTTGAT	CTCTAACACA	TICCTCTCAT
325551	<b>AACTATTTCT</b>	<b>GCTTTTCCAA</b>	AAAAGTTTTA	TGTATGGGTT	AGGTAAATGT
325601	псисы	ATCTCATTAA	ATGATTGGCT	TTTAGTATCA	GCATGAATCA
325651	AGTATAATTT	GACTCACCTC	ATCCTTAAAT	TCTTACTTAA	TTIGGIAATT
325701	ATTGTGTATT	TIATCATTIT	CTACTAGTGT	CHAGCCIGI	IGATCAAAGC
325751	TTGCTGCAGT	TAGITGITTG	COTGTTGATC	TOTATTATE	TCACACTCCT
325801	CTTAAAGGTA	AGGACCAAGT	CATATGCTTC	IGIATITIC	CTACTOR
35282T	TIGCACAAAA	AAAAAAAAII	GTCTAGTAGG AGACTTTTTT	ATTCAAATTT	TATATAAAAT
35220E1	AAGIAICIIG	TTTCTCATCC	CTGTTCAGCA	CATCCTTACC	CAGACTIGAAG
325001	TACTITACAT	TCTTTTTCAA	TGTCCCAAAA	CTTAATTAG	CAAATAATAT
326051	AATGCAGACT	GCTCCTTGCA	TAGGCTCTCA	TGGATTTTAC	ATACTACTGC
326101	TIATTITATT	AGICICTAAA	GICATICTIC	TCCCAGTGTA	ATTACACTTT
326151	TAAAAATTAC	TAAATTGCAT	<b>AAGAGATATT</b>	ATGAAATOGT	ATTCCTGGAA
326201	CATTGAGAAT	TTCAAGCTTT	AAAAGACAGC	AGCTAAAGTC	AAAGATACAG
326251	CAACATTTTC	AAAAGTTAGC	TTTGTACATC	TCTTGGCTGA	GTAATGTGAA
326301	CCCACACATG	GAAAGATTTA	ATATATACAG	GAATGTTCTG	GCCTCTGTA
326351	AGAGCTGATC	CCTCTATCAG	GTTCIGIGC	AGACAAGCAT	GTTICTICIA
326401	TCTATTAGGA	AAGGGTTATG	AATTGAGCAT	TTCAGAGGCT	AIGGIAAGAA
326451	GCAGGGAGAG	AAGGGGGCAA	GTAGAGAATT	GCIAMAIAIC	TTCACTTCAC
32620T	AMAIAIIGAG	ATTATTCTAA	AAAAATCAAG CCTCGTAGCT	CATTICITION	TTTATTCAAA
326601	GAACATTAAC	ATTECCATA	TATTAGGAAT	TCAGAGATTG	CTAACATTICC
326651	CTATGTTCAA	GGATCTCATA	ATCAAGTACT	GAGGATAATT	ATACAAGAAG
326701	AGTAATCACT	ATAATAGCAT	TTAATACTTA	CTGAAGCATA	CATGCCATAT
			CATTATATCA		
326801	<b>GCTGATTTGT</b>	CCAAACACAC	<b>AGCTAATAAG</b>	TTTTTGAGCT	AGAATTTTCC
326851	TCCAGCTAAG	CTGATTCTTT	TGCCCTCACT	TTTAACCTTG	TATGCCAAAT
326901	TACAAGTTTA	AAATTCATTT	ATGTACTTGG	AAGAGTCATA	GAAGTTTCAA
326951	TAAAAGAGAA	GACTTTTAAG	CTGAGACTTG	AACAAGAAGT	GGAGCTTCCC
327001	TGATAGACAA	AGAGATAAAA	TGTCATTCTG	AGCAGAGGA	GAAAIAIGIG
			GCAGCGTGGT		
			CCAAGTTCAA ATCTTATCTA		
			TTGAACTTGG		
327251	ATTAAATGAT	TAGAAAATAG	GAAGTTAAGG	TATTIGCAGI	TAAAATGATC
327301	ACGTTAGCCA	TGATGTAGAT	AAAGCAAGGA	AAAAGAAGGA	AAGAATAAGA
327351	CTGCAGGCAG	AAAAACAACT	AGCACAGCAG	TTATGATATT	CTAGACAAAT
327401	GATTGTGTTG	<b>GCTTGATATC</b>	<b>ACTGAGTAAA</b>	CATTTATTGG	GTGCCTTATA
327451	TGTGCCATAG	CTGAGCTTAC	AGTGTTGAAT	AAAATGAATA	TGATTCCTGC
327501	CATTACATAC	AGTCTACAAT	CTGTTGGGAA	AGACAGACAG	TAAACAAACA
			GAATGGGTAG		
			GTCTATGCAT		
32/031 227701	TTACCAAAGA	TCCACCTTTC	CCAAGGTTTC	CTCGAACTAT	TCTCTCCATG
327751	AATCATGATT	CATTGATATG	TITTIATIAA	AGTATAAAGG	CTCAGTGCTG
327801	CHICCHIC	CTAGAGGAAG	GCACTCCCTA	TATACACATA	CACACCCTTG
327851	TIGATTATTT	TAAATGAATG	GGAGCCAATG	<b>GGACCTGATT</b>	TTTCAAGGTG
327901	TCTATTTTAA	TACTITITGTC	TGAACAAGTA	TTTCTATGTT	AATGAAATTA
327951	GATTTGAGCA	TTTGATAGAA	CATGAAACTA	TAAGTGTTGA	ATTTCAGAAT
			CCTTATAATT		
328051	TAAGACTCCT	TCATGTGAAA	TACCAGATGT	ITIGAGICCT	CATCTTACA
3281UL	GICAGAAGAA	AACAACCA IA	TTGGTTTCAT GCTGTGGATA	TTTTCTTATA	TANGAATICC
3283U1	ACCCCCTCCT	ACAACTICICA	GCTGGAAGGC	CATTTAAAA	GCTCATCTAA
328251	TACCATAATT	TTTACTCTGG	AGCACACAAG	CAGAGTTCAG	GTGAACTCCC
328301	TEGAATTATT	TGCAAAATTG	GGAGTATTTT	TOGTATGTAT	AGTTTGAGGG
328351	GAATTICIGI	CAAATGCACA	TAGGCACCTG	TAATTAAAGA	GCCGCCTTCA
328401	TTTTCACACA	TGAGGAAACT	GAGGCTGTTA	CAGATGTAGA	GACTTGCCCA
328451	AGGTCTTGAA	TAACTTCTCA	GAAAGGGAGT	TTGTTCTATG	ATTIGIGITI
328501	TTTAATAAAG	TTTTAATGGA	CAGACCACGA	TATCCAACAT	GGCCTTGGAG
328551	CCATAGGGTT	CAGAATATTA	GAAAGCCTTG	GCTTCTTTTT	TCATTGAGTT
328601	GTCATATAGT	GATITTAATA	ATAATAGAAC	AIGCTATTAT	I CAGAATACA
328551	FICTICCACC	CIAATATCCC	AAAACAGTAT	ACCAACCCTC	ATTCCTACTA
320/UL	TITLE AACC	ATAACTTTCA	TTCTACAGGA CTGACAAGAC	CAGGCCACAA	AAAGCCTAGC
3288V1	TIGGTETTE	CCCAGACAAT	GTTATAATAA	TCATTGAAGT	ΑΤΑCΤΟΔΔΟ
328851	TGCACTIGCCT	GAGGATAGCT	ACAGCTAAAA	AAAATAAATA	AATAAGCACA
328901	CACAGATGTA	TGCTGAGTGT	TCCAGTGACT	TAGCTGACAT	GTATGCTGTA
328951	TATCCTTTGC	TGIGITCCTT	CAACTATTAG	AAAGGAAATT	TTAAAATAGC

329001					
	CTAGAATTTA	TTATTCCAAT	AGGGTGAAAA	GGACAACTTC	AACITIAAAA
329051	AAATAACCAA	GCTCTCCAAG	<b>GCTGTATCCC</b>	CAGCAAGTAA	ATCAATCTGG
329101	CATATAGTAG	ATGCTTAATA	ATTTTTTGA	TGAGAGAATT	GTGAAGTTT
220151	CTTACTIATA	TTTCAGAAAG	AGAATTTTGT	TIGUICATCA	ΔΤΔΔΤΙζΑζΙΤΑ
353131	OI IAGI IAIA	TCAAAATACT	AAAATTAAAA	ACCACTICATI	CAACATTTAG
32920T	TCATGIAGIG	ICAAAAIAGI	AAAAI IAAAA	AGGACIGCII	CAACATTIAG
329251	AAACCCCAGA	TTTCAGCGCA	<b>GTTTCTGTAA</b>	GITATIGIAC	GACCITIGGGC
329301	CTCATTTTCT	TIGICITAAT	AAGGATATAA	TAATATCTAA	TTCCCAAAAAT
329351	TTTCCCCCAAT	ΔΤΤΔΔΔΤζΔζ	CTACAGTATG	TGAAAGATGC	TTCATAGATC
220401	CTAACTCCT	ATATAAATAT	TAATGITATT	TCTCTTACAT	AACATTTTCA
3294UL	CHAAGIGCI	AIAIAAIAI	IAAIGHAH	IGICITAGAI	TAACTIC
329451	ATTTTTAAA	TAIGIAITIA	CTGAAATCAT	CHIAHIC	IAAGICCIGI
329501	ATTIGITIA	GGTAGAAAGA	AGTGATTTCC	ATGATTGAAA	TGGAGTTTTG
329551	AATTCTTTGA	TAAAATACAT	TTTAAGGTAT	ACAGAATTGT	CTGCAAAGAA
			CAAGGGAAAT		
220651	CTA ATTICA AT	THEOCACC	TAATTTGTAC	CTAACTTAAC	CATTGATTGA
25202T	CIAATIGAAT	TTTIGCLAGC	IAATTIGIAC	GIANGI IANG	ACATATACAA
329/UL	TATATATTIG	AIAGACAAIC	ACCCTCTTCT	AGGIAI IAIA	ACATATACAA
329751	AAAGTATACA	ACAGCATTTT	CCAAAGTGGA	AAAGAAATAT	TAGTTTTIGA
329801	GATGTTCCAT	GATTAGAGTT	TGGGAATTTA	AAATAGAATT	TTTACATACT
			ATTITIATTA		
			CTATACAAAC		
35332T	AGIGITATIC	AAAIIIAIII	AACAAGAAAA	CCHITTIC	CATTACATTT
			TTTATAAAGC		
			CAGTCTGTTT		
			AACAAAACAA		
330161	CTATGAGATT	CTCAAATCCT	TGTAATATAT	CTCACCAAAT	ΤΓΔΤΙΣΣΤΔΑ
			ACAGCTTGTT		
			TTTTCCAAAC		
330301	TCTTTCCAGA	TAGAGAAAAT	TTTAAAATAT	CTTTATTCCT	CTTTAAATTT
330351	ACTGATTTAT	AAATACTGGG	<b>AGTCTAACAA</b>	<b>ATGCAAGTTA</b>	CTACTCTTTA
			TCAGTTTACA		
			TTAGACTTGT		
			ATCCCCATCA		
330551	CCCTTTTGCA	GTCCATTTTT	CCCTCTTCCT	CAGGTTGCAG	TCAACCACTA
330601	GICIGCITIT	<b>TGCTACTATA</b>	<b>GATTAGATTG</b>	GACTTTGTAA	ATATTTTATA
			TTATGTCTGT		
			AGTGTTCAGT		
220751	TACTATICCA	TATATATAT	TGACTATTCA	CTCATAACTT	CCTACACATT
				CICAIAAGII	GGIAGACAII
-330801					
				AAAGCTACTG	TGGGCTGGGC
330851	ACAGTGACTC	<b>ACACCTGTAA</b>	TCTCAGCACT	TTGGGAGGCC	TGGGCTGGGC AAGGTGGGTG
330851	ACAGTGACTC	<b>ACACCTGTAA</b>	TCTCAGCACT	TTGGGAGGCC	TGGGCTGGGC AAGGTGGGTG
330851 330901	ACAGTGACTC GATCACTTGG	ACACCTGTAA ACATGGGTGT	TCTCAGCACT TTGAGACCAG	TTGGGAGGCC CCTGGGCAGC	TGGGCTGGGC AAGGTGGGTG ATGGCAAGAC
330851 330901 330951	ACAGTGACTC GATCACTTGG CCCATCTTTA	ACACCTGTAA ACATGGGTGT CTGAAAATAC	TCTCAGCACT TTGAGACCAG AAAAGAAATA	TTGGGAGGCC CCTGGGCAGC GCTGGGGCTG	TIGGGCTIGGGC AAGGTTIGGGTIG ATTIGGCAAGAC GGCACGGTTIGG
330851 330901 330951 331001	ACAGTGACTC GATCACTTGG CCCATCTTTA CTCAAGCCTG	ACACCTGTAA ACATGGGTGT CTGAAAATAC TAATCCCAGC	TCTCAGCACT TTGAGACCAG AAAAGAAATA ACTTTGGGAG	TTGGGAGGCC CCTGGGCAGC GCTGGGGCTG GCCGTGGCAG	TGGGCTGGGC AAGGTGGGTG ATGGCAAGAC GGCACGGTGG GCAGATCACC
330851 330901 330951 331001 331051	ACAGTGACTC GATCACTTGG CCCATCTTTA CTCAAGCCTG TGAGGTCTGG	ACACCTGTAA ACATGGGTGT CTGAAAATAC TAATCCCAGC AGTTCAAGAC	TCTCAGCACT TTGAGACCAG AAAAGAAATA ACTTTGGGAG CAGCCTGGCC	TTGGAGGCC CCTGGGCAGC GCTGGGGCTG GCCGTGGCAG AGTATGGCAA	TIGGECTIGGEC AAGGTIGGTIG ATIGGCAAGAC GGCACGGTIGG GCAGATICACC AACCCCATICT
330851 330901 330951 331001 331051 331101	ACAGTGACTC GATCACTTGG CCCATCTTTA CTCAAGCCTG TGAGGTCTGG CTACTAAAAA	ACACCTGTAA ACATGGGTGT CTGAAAATAC TAATCCCAGC AGTTCAAGAC TACAAAAAAT	TCTCAGCACT TTGAGACCAG AAAAGAAATA ACTTTGGGAG CAGCCTGGCC TAGCCAGGCG	TTGGAGGCC CCTGGGCAGC GCTGGGGCTG GCCGTGGCAG AGTATGGCAA TGGTGGTGGG	TGGGCTGGGC AAGGTGGGTG ATGGCAAGAC GGCACGGTGG GCAGATCACC AACCCCATCT CGCCTGTAAT
330851 330901 330951 331001 331051 331101	ACAGTGACTC GATCACTTGG CCCATCTTTA CTCAAGCCTG TGAGGTCTGG CTACTAAAAA	ACACCTGTAA ACATGGGTGT CTGAAAATAC TAATCCCAGC AGTTCAAGAC TACAAAAAAT	TCTCAGCACT TTGAGACCAG AAAAGAAATA ACTTTGGGAG CAGCCTGGCC	TTGGAGGCC CCTGGGCAGC GCTGGGGCTG GCCGTGGCAG AGTATGGCAA TGGTGGTGGG	TGGGCTGGGC AAGGTGGGTG ATGGCAAGAC GGCACGGTGG GCAGATCACC AACCCCATCT CGCCTGTAAT
330851 330901 330951 331001 331051 331101 331151	ACAGTGACTC GATCACTTGG CCCATCTTTA CTCAAGCCTG TGAGGTCTGG CTACTAAAAA CCCAGCTACT	ACACCTGTAA ACATGGGTGT CTGAAAATAC TAATCCCAGC AGTTCAAGAC TACAAAAAAT TGGGAGGCTG	TCTCAGCACT TTGAGACCAG AAAAGAAATA ACTTTGGGAG CAGCCTGGCC TAGCCAGGCG	TTGGGAGGCC CCTGGGCAGC GCTGGGGCTG GCCGTGGCAG AGTATGGCAA TGGTGGTGGA ATTGCTCGAA	TGGGCTGGGC AAGGTGGGTG ATGGCAAGAC GGCACGGTGG GCAGATCACC AACCCCATCT CGCCTGTAAT CCCAGGAGGC
330851 330901 330951 331001 331051 331151 331151	ACAGTIGACTIC GATICACTTIGG CCCATICTITIA CTICAAGCCTIG TIGAGGTICTIGG CTIACTIAAAAA CCCAGCTIACT AGAGGTTIGCA	ACACCTIGTAA ACATGGGTIGT CTGAAAATAC TAATCCCAGC AGTTCAAGAC TACAAAAAAT TIGGGAGGCTIG GTIGAGCAAAG	TICTICAGCACT TITGAGACCAG AAAAGAAATA ACTITTGGGAG CAGCCTGGCC TAGCCAGGCG AGGCAGGAGA ACTGCACCAC	TTIGGAGGCC CCTGGGCAGC GCTGGGGCTG GCCGTGGCAG AGTATTGGCAA TGGTGGTGGAA TGGACTTCCAA	TGGGCTGGGC AAGGTGGGTG ATGGCAAGAC GGCACGGTGG GCAGATCACC AACCCCATCT CGCCTGTAAT CCCAGGAGGC GCCTGGGCAA
330851 330901 330951 331001 331051 331101 331151 331201 331251	ACAGTGACTC GATCACTTGG CCCATCTTTA CTCAAGCCTG TGAGGTCTGG CTACTAAAAA CCCAGCTACT AGAGGTTGCA CAAGAGCGAA	ACACCTGTAA ACATGGGTGT CTGAAAATAC TAATCCCAGC AGTTCAAGAC TACAAAAAAT TGGGAGGCTG GTGAGCAAAG ACTCCACCTC	TCTCAGCACT TTGAGACCAG AAAAGAAATA ACTTTGGGAG CAGCCTGGCC TAGCCAGGCG AGGCAGGAGA ACTGCACCAC AAAAAAAAAA	TTIGGAGGCC CCTIGGGCAGC GCTIGGGGCTIG GCCGTIGGCAG AGTATIGGCAA TIGGTIGGIGGG ATTIGCTICGAA TIGCACTTICCA AAAAAATAGC	TGGGCTGGGC AAGGTGGGTG ATGGCAAGAC GGCACGGTGG GCAGATCACC AACCCCATCT CGCCTGTAAT CCCAGGAGGC GCCTGGGCAA TGGGCATGGT
330851 330901 330951 331001 331051 331101 331151 331201 331251 331301	ACAGTGACTC GATCACTTGG CCCATCTTTA CTCAAGCCTG TGAGGTCTGG CTACTAAAAA CCCAGCTACT AGAGGTTGCA CAAGAGCGAA GGTGCATACC	ACACCTGTAA ACATGGGTGT CTGAAAATAC TAATCCCAGC AGTTCAAGAC TACAAAAAAT TGGGAGGCTG GTGAGCAAAG ACTCCACCTC TGTGGTCCCA	TICTICAGCACT TITGAGACCAG AAAAGAAATA ACTITTGGGAG CAGCCTGGCC TAGCCAGGCG AGGCAGGAGA ACTGCACCAC AAAAAAAAAA	TTIGGAGGCC CCTGGGCAGC GCTGGGCAG AGTATTGGCAA TGGTGGTGGAA TGGACTTCCA AAAAAATAGC AGGCTGAGAA	TEGECTEGGC AAGGTEGGTEG ATTGCAAGAC GCACGGTEG GCACATCATC AACCCCATCT CGCCTGTAAT CCCAGGAGGC GCCTGGGCAA TEGGCATCGT GAGAGTATCA
330851 330901 330951 331001 331051 331101 331151 331201 331251 331301 331351	ACAGTGACTC GATCACTTGG CCCATCTTTA CTCAAGCCTG TGAGGTCTGG CTACTAAAAA CCCAGCTACT AGAGGTTGCA CAAGAGCGAA GGTGCATACC CTTGAGTGCA	ACACCTIGTAA ACATGGGTGT CTGAAAATAC TAATCCCAGC AGTTCAAGAC TACAAAAAAT TGGGAGGCTG GTGAGCAAAG ACTCCACCTC TGTGGTCCCA GGAGGTGGAG	TICTICAGCACT TITGAGACCAG AAAAGAAATA ACTITIGGGAG CAGCCTIGGCC TAGCCAGGCG AGGCAGGAGA ACTIGCACCAC AAAAAAAAAA GCTACCTIGGG ATTIGCAGTIGA	TTIGGAGGCC CCTGGGCAGC GCTGGGGCTG GCCGTGGCAA AGTATIGGCAA TGGTGGTGGA ATTIGCTCGAA TGCACTTCCA AAAAAATAGC AGGCTGAGAA GCCAAGATCA	TGGGCTGGGC AAGGTGGGTG ATGGCAAGAC GGCACGGTGG GCAGATCACC AACCCCATCT CGCCTGTAAT CCCAGGAGGC GCCTGGGCAA TGGGCATGGT GAGAGTATCA CATCACTGCA
330851 330901 330951 331001 331051 331151 331201 331251 331301 331351 331401	ACAGTGACTC GATCACTTGG CCCATCTTTA CTCAAGCCTG TGAGGTCTGG CTACTAAAAA CCCAGCTACT AGAGGTTGCA CAGAGCGGAA GGTGCATACC CTTGAGTGCA CTTGAGTGCA CTCTAGCCTG	ACACCTIGTAA ACATGGGTGT CTGAAAATAC TAATCCCAGC AGTTCAAGAC TACAAAAAAT TGGGAGGCTG GTGAGCAAAG ACTCCACCTC TGTGGTCCCA GGAGGTGGAG GGTGACAGAG GGTGACAGAG	TICTICAGCACT TITGAGACCAG AAAAGAAATA ACTITIGGGAG CAGCCTGGCC TAGCCAGGCGAGA ACTGCACCAC AAAAAAAAAA	TTIGGAGGCC CCTGGGCAGC GCTGGGCAG AGTATIGGCAA TIGGTIGGTGGAA TIGCACTTICCAA AAAAAATAGC AGGCTGAGAA GCCAAGATCA TCTCAAAAAA	TGGGCTGGGC AAGGTGGGTG ATGGCAAGAC GGCACGGTGG GCAGATCACC AACCCCATCT CGCCTGTAAT CCCAGGAGGC GCCTGGGCAA TGGGCATGGT GAGAGTATCA CATCACTGCA ATAAAATTTG
330851 330901 330951 331001 331051 331101 331151 331251 331301 331351 331401 331451	ACAGTGACTC GATCACTTGG CCCATCTTTA CTCAAGCCTG TGAGGTCTGG CTACTAAAAA CCCAGCTACT AGAGGTTGCA CAAGAGCGAA GGTGCATACC CTTGAGTGCA CTTGAGTGCA CTCTAGCCTG TGAACTTCCA	ACACCTIGTAA ACATGGGTGT CTGAAAATAC TAATCCCAGC AGTTCAAGAC TACAAAAAAT TGGGAGCAAG ACTCCACCT TGTGGTCCCA GGAGGTGGAG GGTGACAGAG TATACAAGTC	TICTICAGCACT TITGAGACCAG AAAAGAAATA ACTITIGGGAG CAGCCTGGCC TAGCCAGGAGA ACTGCACCAC AAAAAAAAA ACTTGCACTGGAC ATTGCAGTGA TITGAGACTCTG TITTGTGTAGA	TTIGGGAGGCC CCTIGGGCAGC GCTIGGGCAGC AGTATIGGCAA TIGGTIGGTIGGGAA TIGCACTTICCAA AAAAAATAGC AGGCTGAGAAAAAA TICTCAAAAAAA TATIGGGTTTT	TGGGCTGGGC AAGGTGGGTG ATGGCAAGAC GGCACGGTGG GCAGATCACC AACCCCATCT CGCCTGTAAT CCCAGGAGGC GCCTGGGCAA TGGGCATGGT GAGAGTATCA CATCACTGCA ATAAAATTTG TTCTTCTTAG
330851 330901 330951 331001 331051 331101 331151 331251 331301 331351 331401 331451	ACAGTGACTC GATCACTTGG CCCATCTTTA CTCAAGCCTG TGAGGTCTGG CTACTAAAAA CCCAGCTACT AGAGGTTGCA CAAGAGCGAA GGTGCATACC CTTGAGTGCA CTTGAGTGCA CTCTAGCCTG TGAACTTCCA	ACACCTIGTAA ACATGGGTGT CTGAAAATAC TAATCCCAGC AGTTCAAGAC TACAAAAAAT TGGGAGCAAG ACTCCACCT TGTGGTCCCA GGAGGTGGAG GGTGACAGAG TATACAAGTC	TICTICAGCACT TITGAGACCAG AAAAGAAATA ACTITIGGGAG CAGCCTGGCC TAGCCAGGCGAGA ACTGCACCAC AAAAAAAAAA	TTIGGGAGGCC CCTIGGGCAGC GCTIGGGCAGC AGTATIGGCAA TIGGTIGGTIGGGAA TIGCACTTICCAA AAAAAATAGC AGGCTGAGAAAAAA TICTCAAAAAAA TATIGGGTTTT	TGGGCTGGGC AAGGTGGGTG ATGGCAAGAC GGCACGGTGG GCAGATCACC AACCCCATCT CGCCTGTAAT CCCAGGAGGC GCCTGGGCAA TGGGCATGGT GAGAGTATCA CATCACTGCA ATAAAATTTG TTCTTCTTAG
330851 330901 330951 331001 331051 331101 331151 331201 331251 331301 331351 331401 331451 331501	ACAGTGACTC GATCACTTGG CCCATCTTTA CTCAAGCCTG TGAGGTCTGG CTACTAAAAA CCCAGCTACT AGAGGTTGCA CAAGAGCGAA GGTGCATACC CTTGAGTGCA CTCTAGCCTG TGAACTTCCA GTAACTTCCA	ACACCTIGTAA ACATGGGTGT CTGAAAATAC TAATCCCAGC AGTTCAAGAC TACAAAAAAT TGGGAGGCTG GTGAGCAAAG ACTCCACCTC TGTGGTCCCA GGAGGTTGGAG GGTGACAGAG GTGACAGAG GTGACAGAG TATACAAGTC AGATTATTTC TAAGAAGCTG	TICTICAGCACT TITGAGACCAG AAAAGAAATA ACTTITGGGAG CAGCCTGGCC TAGCCAGGCG AGGCAGGAGA ACTGCACCAC AAAAAAAAAA	TTIGGGAGGCC CCTIGGGCAGC GCTIGGGCAG AGTATIGGCAA TGGTIGGTIGGA ATTIGCTICGAA TGCACTTICCA AAAAAATAGC AGGCTIGAGAA GCCAAGATCA TCTCAAAAAA TATIGGGTTTIT GGTTIGTTATIG TTICCAAAGTIG	TGGGCTGGGC AAGGTGGGTG ATGGCAAGAC GGCACGGTGG GCAGATCACC AACCCCATCT CGCCTGTAAT CCCAGGAGGC GCCTGGGACA TGGGCATGGT GAGAGTATCA CATCACTGCA ATCACTGCA ATCACTGCA ATCACTGCA ATGGGTGGG GTTGTTCTAT
330851 330901 330951 331001 331051 331101 331151 331201 331251 331301 331351 331401 331451 331501	ACAGTGACTC GATCACTTGG CCCATCTTTA CTCAAGCCTG TGAGGTCTGG CTACTAAAAA CCCAGCTACT AGAGGTTGCA CAAGAGCGAA GGTGCATACC CTTGAGTGCA CTCTAGCCTG TGAACTTCCA GTAACTTCCA	ACACCTIGTAA ACATGGGTGT CTGAAAATAC TAATCCCAGC AGTTCAAGAC TACAAAAAAT TGGGAGGCTG GTGAGCAAAG ACTCCACCTC TGTGGTCCCA GGAGGTTGGAG GGTGACAGAG GTGACAGAG GTGACAGAG TATACAAGTC AGATTATTTC TAAGAAGCTG	TICTICAGCACT TITGAGACCAG AAAAGAAATA ACTTITGGGAG CAGCCTGGCC TAGCCAGGCG AGGCAGGAGA ACTGCACCAC AAAAAAAAAA	TTIGGGAGGCC CCTIGGGCAGC GCTIGGGCAG AGTATIGGCAA TGGTIGGTIGGA ATTIGCTICGAA TGCACTTICCA AAAAAATAGC AGGCTIGAGAA GCCAAGATCA TCTCAAAAAA TATIGGGTTTIT GGTTIGTTATIG TTICCAAAGTIG	TGGGCTGGGC AAGGTGGGTG ATGGCAAGAC GGCACGGTGG GCAGATCACC AACCCCATCT CGCCTGTAAT CCCAGGAGGC GCCTGGGACA TGGGCATGGT GAGAGTATCA CATCACTGCA ATCACTGCA ATCACTGCA ATCACTGCA ATGGGTGGG GTTGTTCTAT
330851 330901 3310951 331001 331051 331101 331151 331201 331251 331301 331351 331401 331451 331501 331551 331601	ACAGTGACTC GATCACTTGG CCCATCTTTA CTCAAGCCTG TGAGGTCTGG CTACTAAAAA CCCAGCTACT AGAGGTTGCA CAAGAGCGAA GGTGCATACC CTTGAGTGCA CTCTAGCCTG TGAACTTCCA GTAACTACCT TTTAACTTCT TTTATATTCC	ACACCTIGTAA ACATGGGTGT CTGAAAATAC TAATCCCAGC AGTTCAAGAC TACAAAAAAT TGGGAGGCTG GTGAGCAAAG ACTCCACCTC TGTGGTCCCA GGAGGTGGAG GGTGACAGAG TATACAAGTC AGATTATTTC TAAGAAGCTG CATTAACAGT	TICTICAGCACT TITGAGACCAG AAAAGAAATA ACTITIGGGAG CAGCCTGGCC TAGCCAGGCG AGGCAGGAGA ACTGCACCAC AAAAAAAAAA	TTIGGGAGGCC CCTIGGGCAGC GCTIGGGCAG AGTATIGGCAA TGGTIGGTIGGA ATTIGCTICGAA TIGCACTTICCA AAAAAATAGC AGGCTIGAGAA GCCAAGATCA ACCAAGATCA TATIGGGTTTTT GGTTIGTTATIG TTICCAAAGTIG TICCAAAGTIG TICC	TGGGCTGGGC AAGGTGGGTG ATGGCAAGAC GGCACGGTGG GCAGATCACC AACCCCATCT CGCCTGTAAT CCCAGGAGGC GCCTGGGCAA TGGGCATGGT GAGAGTATCA CATCACTGCA ATAAAATTTG TTCTTCTTAG ATGTGGTGGG GTTGTTCTAT CCATGTCCTT
330851 330901 331091 331001 331051 331101 331151 331201 331251 331301 331351 331401 331451 331501 331601 331651	ACAGTGACTC GATCACTTGG CCCATCTTTA CTCAAGCCTG TGAGGTCTGG CTACTAAAAA CCCAGCTACT AGAGGTTGCA CAAGAGCGAA GGTGCATACC CTTGAGTGCA CTCTAGCCTG TGAACTTCCA TGAACTTCCA TTTAACTTCT TTTATATTCC GATCGGTCTT	ACACCTIGTAA ACATGGGTGT CTGAAAATAC TAATCCCAGC AGTTCAAGAC TACAAAAAAT TGGGAGGCTG GTGAGCAAAG ACTCCACCTC TGTGGTCCCA GGAGGTTGAG GGTGACAAGT GGTGACAAGT TGTGATCCCA CTGTGATCCCA CTTTAACAGT TAAGAAGCTG CATTAACAGT TGGTATTGTT	TICTICAGCACT TITGAGACCAG AAAAGAAATA ACTITTGGGAG CAGCCTGGCC TAGCCAGGCG AGGCAGGAGA ACTGCACCAC AAAAAAAAAA	TTIGGAGGCC CCTIGGGCAGC GCTIGGGCAG AGTATIGGCAA TGGTIGGTIGGA ATTIGCTICGAA TGCACTTICCA AAAAAATAGC AGGCTIGAGAA GCCAAGATCA TCTCAAAAAA TATIGGTTTT GGTTIGTTATIG TTICCAAAGTIG TCTAGATTICCT ATTITICATCA	TGGGCTGGGC AAGGTGGGTG ATGGCAAGAC GGCACGGTGG GCAGATCACC AACCCCATCT CGCCTGTAAT CCCAGGAGGC GCCTGGGACA TGGGCATGGT GAGAGTATCA CATCACTGCA ATAAAATTTG TTCTTCTTAG ATGTGGTGGG GTTGTTCTAT CCATGTCCTT TTCTTATAAT
330851 330901 331091 331051 331101 331151 331201 331251 331301 331451 331451 331501 331551 331601 331651 331701	ACAGTGACTC GATCACTTGG CCCATCTTTA CTCAAGCCTG TGAGGTCTGG CTACTAAAAA CCCAGCTACT AGAGGTTGCA CAAGAGCGAA GGTGCATACC CTTGAGTGCA CICTAGCCTG TGAACTTCCA GTAACTTCCA TTTTAACTTCT TTTTATATTCC GATCGGTCTT GTAATGGTAT	ACACCTIGTAA ACATGGGTGT CTGAAAATAC TAATCCCAGC AGTTCAAGAC TACAAAAAAT TGGGAGCAAAG ACTCCACCTC TGTGGTCCCA GGAGGTGGAG GGTGACAAGG TATACAAGTC AGATTATTTC TAAGAAGCTG CATTAACAGT TGGTATTGTT CTCATTGTGG	TICTICAGCACT TITGAGACCAG AAAAGAAATA ACTTITGGGAG CAGCCTGGCC TAGCCAGGCG AGGCAGGAGA ACTGCACCAC AAAAAAAAAA	TTIGGAGGCC CCTIGGGAGCC CCTIGGGCAGC GCTIGGGGCAG AGTATIGGCAA TIGGTIGGTIGGAA TIGGTIGGTIGGAA TIGCACTTICCA AAAAAATAGC AGGCTIGAGAA GCCAAGATCA TICTCAAAAAA TICTCAAAAAA TICTCAAAAGTIG TTICCAAAGTIG TICTAGTTIGCT ATTITICATCA CATTIGATCTIG	TGGGCTGGGC AAGGTGGGTG ATTGGCAAGAC GGCACGGTGG GCACGTTGG GCACGTTGT CCCCAGGAGGC GCCTGGGCAA TGGGCATGGT GAGAGTATCA CATCACTGCA ATAAAATTTG TTCTTCTTAG ATGTGGTGGG GTTGTTCTT TTCTTATAAT ATAACTAATG
330851 330901 331091 331001 331101 331151 331201 331251 331301 331451 331451 331501 331551 331601 331651 331701	ACAGTGACTC GATCACTTGG CCCATCTTTA CTCAAGCCTG TGAGGTCTGG CTACTAAAAA CCCAGCTACT AGAGGTTGCA CAAGAGCGAA GGTGCATACC CTTGAGTGCA CICTAGCCTG TGAACTTCCA GTAACTTCCT TTTATATTCC GATCGGTCTT GTAATGGTAT ATGTTAAGTA ATGTTAAGTA	ACACCTIGTAA ACATGGGTGT CTGAAAATAC TAATCCCAGC AGTTCAAGAC TACAAAAAAT TGGGAGCAAAG ACTCCACCTC TGTGGTCCCA GGAGGTGGAG GGTGACAAG TATACAAGTC AGATTATTTC TAAGAAGCTG CATTAACAGT TGGTATTGTT CTCATTGTGG TCTTTTCACA	TICTICAGCACT TITGAGACCAG AAAAGAAATA ACTTITGGGAG CAGCCTGGCC TAGCCAGGCG AGGCAGGAGA ACTGCACCAC AAAAAAAAAA	TTIGGAGGCC CCTIGGGAGCC CCTIGGGCAGC GCTIGGGGCAG AGTATIGGCAA TGGTIGGTGGG ATTIGCTICGAA TGCACTTICCA AAAAAATAGC AGGCTGAGAA GCCAAGATCA TCTCAAAAAA TATIGGGTTATIG GTTIGTTATIG TTCCAAAGTIG TCTAGTTGCT ATTITCATCA CATTIGATCTIG ACAAAGGAAG	TEGECTIGGGC AAGGTIGGGTIG ATTGGCAAGAC GGCACGGTIGG GCACGATCACC AACCCCATCT CCCCAGGAGGC GCCTIGGGCAA TIGGGCATGGT GAGAGTATCA CATCACTIGCA ATAAAATTTIG TTICTTCTTAG ATGTIGGTIGGG GTTIGTTCTT TCCATGTICCTT TTICTTATAAT ATAACTAATIG CTIGTIGGGTTT
330851 330901 3310951 331001 331151 331151 331201 331251 331301 331451 331401 331551 331601 331651 331701 331751 331801	ACAGTGACTC GATCACTTGG CCCATCTTTA CTCAAGCCTG TGAGGTCTGG CTACTAAAAA CCCAGCTACT AGAGGTTGCA CAGAGGCGAA GGTGCATACC CTTGAGTGCA CTCTAGCCTG TGAACTTCCA GTAACTACCT TTTAACTTCT TTTATATTTCC GATCGGTCTT GTAATGGTAT ATGTTAAGTA AGCAAGTATG	ACACCTIGTAA ACATGGGTGT CTGAAAATAC TAATCCCAGC AGTTCAAGAC TACAAAAAAT TGGGAGGCAAAG ACTCCACCTC TGTGGTCCCA GGAGGTGGAG GGTGACAGAG TATACAAGTC TAAGAAGCTG CATTAACAGT TGGTATTTGT CTCATTGTGG TCTTTTCACA TTCAAATTTT	TICTICAGCACT TITGAGACCAG AAAAGAAATA ACTITIGGGAG CAGCCTGGCC TAGCCAGGCG AGGCAGGAGA ACTGCACCAC AAAAAAAAAA	TTIGGAGGCC CCTGGGCAGC GCTGGGCAG AGTATIGGCAA TGGTGGTGGG ATTIGCTGGAA TGCACTTCGA AAAAAATAGC AGGCTGAGAA GCCAAGATCA TCTCAAAAAA TATIGGGTTTT GGTTGTTATG TTCCAAAGTG TCTAGTTGCT ATTTTCATCA CATTGATCTC ACAAAGGAAG ACTTTGGATT	TGGGCTGGGC AAGGTGGGTG ATGGCAAGAC GGCACGGTGG GCAGATCACC AACCCCATCT CGCCTGTAAT CCCAGGAGGC GCCTGGGCAA TGGGCATGGT GAGAGTATCA CATCACTGCA ATAAAATTTG TTCTTCTTAG ATGTGGTGGG GTTGTTCTTAT CCATGTCCTT TTCTTATAAT ATAACTAATG CTGTGGGTT ATTTTCTTAT
330851 330901 3310951 331001 331151 331151 331201 331251 331301 331451 331401 331551 331601 331651 331701 331751 331801	ACAGTGACTC GATCACTTGG CCCATCTTTA CTCAAGCCTG TGAGGTCTGG CTACTAAAAA CCCAGCTACT AGAGGTTGCA CAGAGGCGAA GGTGCATACC CTTGAGTGCA CTCTAGCCTG TGAACTTCCA GTAACTACCT TTTAACTTCT TTTATATTTCC GATCGGTCTT GTAATGGTAT ATGTTAAGTA AGCAAGTATG	ACACCTIGTAA ACATGGGTGT CTGAAAATAC TAATCCCAGC AGTTCAAGAC TACAAAAAAT TGGGAGGCAAAG ACTCCACCTC TGTGGTCCCA GGAGGTGGAG GGTGACAGAG TATACAAGTC TAAGAAGCTG CATTAACAGT TGGTATTTGT CTCATTGTGG TCTTTTCACA TTCAAATTTT	TICTICAGCACT TITGAGACCAG AAAAGAAATA ACTITIGGGAG CAGCCTGGCC TAGCCAGGCG AGGCAGGAGA ACTGCACCAC AAAAAAAAAA	TTIGGAGGCC CCTGGGCAGC GCTGGGCAG AGTATIGGCAA TGGTGGTGGG ATTIGCTGGAA TGCACTTCGA AAAAAATAGC AGGCTGAGAA GCCAAGATCA TCTCAAAAAA TATIGGGTTTT GGTTGTTATG TTCCAAAGTG TCTAGTTGCT ATTTTCATCA CATTGATCTC ACAAAGGAAG ACTTTGGATT	TGGGCTGGGC AAGGTGGGTG ATGGCAAGAC GGCACGGTGG GCAGATCACC AACCCCATCT CGCCTGTAAT CCCAGGAGGC GCCTGGGCAA TGGGCATGGT GAGAGTATCA CATCACTGCA ATAAAATTTG TTCTTCTTAG ATGTGGTGGG GTTGTTCTTAT CCATGTCCTT TTCTTATAAT ATAACTAATG CTGTGGGTT ATTTTCTTAT
330851 330901 3310951 331001 331101 331151 331201 331251 331301 331451 331401 331551 331601 331651 331651 331701 331751 331801	ACAGTGACTC GATCACTTGG CCCATCTTTA CTCAAGCCTG TGAGGTCTGG CTACTAAAAA CCCAGCTACT AGAGGTTGCA CAGAGGCGAA GGTGCATACC CTTGAGTGCA CICTAGCCTG TGAACTTCCA GTAACTACCT TTTAACTTCT TTTATATTTCC GATCGGTCTT GTAATGGTAT ATGTTAAGTA AGCAAGTATG TATTGAATTA	ACACCTIGTAA ACATGGGTGT CTGAAAATAC TAATCCCAGC AGTTCAAGAC TACAAAAAAT TGGGAGGCAAAG ACTCCACCTC TGTGGTCCCA GGAGGTGGAG GGTGACAGAG TATACAAGTC TAAGAAGCTG CATTAACAGT TGAGTATTGTT CTCATTGTGG TCTTTTCACA TTCAAATTTT TGAGGATTCT	TICTICAGCACT TITGAGACCAG AAAAGAAATA ACTITIGGGAG CAGCCTIGGCC TAGCCAGGCG AGGCAGGAGA ACTIGCACCAC AAAAAAAAAA GCTACCTIGGG ATTIGCAGTIGA TIGAGACTICTIG TITTIGTITAGA ACAATAATTIG ACAAATAGCT GTATIGTAATT AGTIGTITAATT AGTIGTITAACT TACTTACCTC TAGTCCAGTT TITATATATTT	TTIGGAGGCC CCTGGGCAGC GCTGGGCAG GCCGTGGCAG AGTATIGGCAA TGGTGGTGGG ATTIGCTCGAA TGCACTTCCA AAAAAATAGC AGGCTGAGAA GCCAAGATCA TCTCAAAAAA TATIGGGTTTT GGTTGTTATG TTCCAAAGTG TCTAGTTGCT ATTTTCATCA CATTGATCTC ACAAAGGAAG ACTTTGGATT TGGATACAAG ACTTTGGATT TTGGATACAAG	TGGGCTGGGC AAGGTGGGTG ATGGCAAGAC GGCACGGTGG GCAGATCACC AACCCCATCT CGCCTGTAAT CCCAGGAGGC GCCTGGGCAA TGGGCATGGT GAGAGTATCA CATCACTGCA ATAAAATTTG TTCTTCTTAG ATGTGGTGGG GTTGTTCTTAT CCATGTCCTT TTCTTATAAT ATAACTAATG CTGTGTGGTT ATTTTCTTAT CCCTTTGCAA
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330851 330901 331051 331051 331151 331251 331251 331301 331351 331401 331451 331501 331551 331601 331651 331751 331801 331851 331901 331951 332001 332151 332201 332251 332201	ACAGTGACTC GATCACTTGG CCCATCTTTA CTCAAGCCTG TGAGGTCTGG CTACTAAAAA CCCAGCTACT AGAGGTGCA CAGAGCGGAA GGTGCATACC CTTGAGTGCA CICTAGCCTG TGAACTTCCA GTAACTACCT TITTAACTTCT TITTATTTTCC GATCGGTCTT GTAATGGTAT ATGTTAAGTA AGCAAGTATG TATTGAATTA ATATGCATAT TICTTAAAGG CCAGTTTGTC GCTCATAAAT TICTTAAATTTC ATTTTATTTTA TTTTTTTTTT	ACACCTIGTAA ACATGGGTGT CTGAAAATAC TAATCCCAGC AGTTCAAGAC TACAAAAAAT TGGGAGGCAAAG ACTCCACCTC TGTGGTCCCA GGAGGTGGAG GGTGACAGAG TATACAAGTC TAAGAAGCTG CATTAACAGT CTCATTGTGG TCTTTTCACA TTCAAATTTT TGAGGATTCT TGTGGATATT TACCTTTTGA CATGTTTTT TACCTTTTTCACA TTCAAGTTTT TACCTTTTTCACA TTCAAGTTTT TACCTTTTTT TACCTTTTTT TACCTTTTT TACCTTTT TACAGTTT TACAGTT TACAGTT TACAGTT TACAGTT TACAGTT TACAGT T	TCTCAGCACT TTGAGACCAG AAAAGAAATA ACTTTGGGAG CAGCCTGGCC TAGCCAGGCG AGGCAGGAGA ACTGCACCAC AAAAAAAAAA	TTIGGAGGCC CCTGGGCAGC GCTGGGCAGC GCTGGGCAGC AGTATIGGCAA TGGTGGTGGCAA TGGTGGTGGAA TGGTGGTGAGAA GCCAAGATCA TCTCAAAAAA TATIGGGTTTT GGTTGTTATG TTCCAAAGTGT TCTAGATGCT ATTTTCATCA ACATGATCTG ACAAAGGAAG ACTTTGGATT TGGATACAAG CTGTGACCTG TGTTTTGATT CTAGAAGTTT TCGATACAAG CTGTGACCTG TGTTTTGATT TCTAGAAGTTT TCACAGTTACA TTAGTTGAACT TAGTTGTAAAT ACATTGCCTC	TGGGCTGGGC AAGGTGGGTG ATGGCAAGAC GGCACGGTGG GCACGGTGG GCACGTTCT CGCCTGTAAT CCCAGGAGGC GCCTGGGCAA TGGGCATGGT GAGAGTATCA CATCACTGCA ATAAAATTTG TTCTTCTTAG ATGTGGTGGG GTTGTTCTAT CCATGTCCTT TTCTTATAAT ATAACTAATG CTGTGTGGTT ATTTTCTTAT CCCTTTGCAA TCTTTTCTTAT CCCTTTGCAA TCTTTTCTTAT TAAGGGTCAA TAAGGGTCAA CATTTCTTAA TAAGGGTCAA CATTTCTTAA TCCTTTTTCTAA TCCTTTTTCTAA TCCTTTTTCTAA TCCTTTTTCTAAT TCCAATTTTTCCAATT TGTAGATACA
330851 330901 331051 331051 331151 331251 331251 331301 331351 331401 331451 331651 331651 331651 331651 331651 331651 331651 331851 331901 331951 332001 332151 332201 332251 332251 332301	ACAGTGACTC GATCACTTGG CCCATCTTTA CTCAAGCCTG TGAGGTCTGG CTACTAAAAA CCCAGCTACT AGAGGTGGAA CGTGCATACC CTTGAGTGCA CTTGAGTGCA CTTTGAGTGCA CTTTAACTTCT TTTAACTTCT TTTAACTTCT TTTAATTCC GATCGGTCTT AGAGTGTAA AGCAAGTATG TATTGAATTA ATTGAATTA ATTGAATTA ATTGAATTA ATTGATTTT CGCTCATAAAT TGTTCATTTT GATAATTTCC ATTTTATTTC ATTTTATTTC ATTTTATTTC ATTTTATTTC ATTTTATTTTA TTCTTTAGCA TGTTCTTTTT CACAGAGAGA	ACACCTIGTAA ACATGGGTGT CTGAAAATAC TAATCCCAGC AGTTCAAGAC TACAAAAAAT TGGGAGCAAAG ACTCCACCTC TGTGGTCCCA GGAGGTGGAG GGTGACAGAG TATACAAGTC TAAGAAGCTG CATTAACAGT TCAATTTTC TCAAGTTTTTC TCAAGTTTTT TCAAGTTTTT TACCTTTTTGA CATGTTTTT TACCTTTTTTC TTCAAGTTTT TACCTTTTTT TACCTTTTTT TTCAAGTTTT TTCATATTGG TTTTTTTT TTTTTTTTT TTTTTTTTTT	TCTCAGCACT TTGAGACCAG AAAAGAAATA ACTTTGGGAG CAGCCTGGCC TAGCCAGGCG AGGCAGGAGA ACTGCACCAC AAAAAAAAAA	TTIGGAGGCC CCTGGGCAGC GCTGGGCAGC GCTGGGCAGC AGTATGGCAA TGGTGGTGGGAA TGGTGGTGGAA TGCACTTCCA AAAAAATAGC AGGCTGAGAA GCCAAGATCA TCTCAAAAAA TATGGGTTTT GGTTGTTATG TTCCAAAGTG TCTAGTTGCT ATTTTCATCA CATTGATCTC ACATTGATCTC ACATTGATCTC TTTGATTTGA	TGGGCTGGGC AAGGTGGGTG ATGGCAAGAC GGCACGGTGG GCAGATCACC AACCCCATCT CGCCTGTAAT CCCAGGAGGC GCCTGGGCAA TGGGCATGGT GAGAGTATCA CATCACTGCA ATAAAATTTG TTCTTCTTAT ATAACTAATG CTGTGGGTT ATTTTCTTAT CCCTTTGCAA TCTTTTCTTAT CCCTTTGCAA TCTTTTCTTAT CCCTTTGCAA TCTTTTCTTAT TAAGGGTCAA TAAGGGTCAA CATTTCTTAA TCCTTTTCTTAA TCCTTTTCTTAA TCCTTTTCTTAA TCCTTTTCTTAA TCCTTTTCTTAA TCCTTTTCTTAA TCCTTTTCTTAA TCTTTTCTTAA TCCTTTTCTTAA TCCTTTTCTTAA TCCTTTTCTTAA TCCTTTTCTTAA TCTTTTCTTAA TCCTTTTCTTAA TCCTTTTCTTAA TCCTTTTCTTAA TCCTTTTCTTAA TCTTTTCTTAA TCCTTTTCTTAA TCCTTTTCTTAA TCCTTTTCTTAA TCCTTTTCTTAA TCTTTTCTAATTCTTAA TCCTTTTTCTAATTCTTAA
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330851 330901 331051 331051 331151 331201 331251 331301 331451 331401 331451 331501 331651 331651 331651 331701 331851 331901 331951 332001 332151 332201 332251 332201 332251 332301 332301	ACAGTGACTC GATCACTTGG CCCATCTTTA CTCAAGCCTG TGAGGTCTGG CTACTAAAAA CCCAGCTACT AGAGGTGCA CAGAGCGAA GGTGCATACC CTTGAGTGCA CTTGAGTGCA CTTTAGCCTG TGAACTTCCA GTAACTACCT TTTTAACTTCT TTTTATTTCC GATCGGTAT ATGTTAAGTA AGCAAGTATG TATTGAATTA ATATGCATAT TTCTTAAAGG CCAGTTTGTC GCTCATAAAT TGTTCATTTT GATAATTTC ATTTTTATTTC ATTTTTATTTC ATTTTTATTTC ATTTTTATTTC ATTTTTATTTC ATTTTTATTTC ATTTTTATTTT CACAGAGAGA TCACATACCA	ACACCIGTAA ACATGGGTGT CTGAAAATAC TAATCCCAGC AGTTCAAGAC TACAAAAAAT TGGGAGGCTG GTGAGCAAGA ACTCCACCTC TGTGGTCCCA GGAGGTGGAG GGTGACAGAG TATACAAGTC AGATTATTTC TAAGAAGCTG CATTAACAGT TCGTATTGTG TCTATTGTGG TCTTTTCACA TTCAAATTTT TACCTTTTGA CATGTTTTC TTCAAGTTTA TTTCATATGG TTTTTGAGT TTTTTTTTTT	TCTCAGCACT TTGAGACCAG AAAAGAAATA ACTTTGGGAG CAGCCTGGCC TAGCCAGGCG AGGCAGGAGA ACTGCACCAC AAAAAAAAAA	TTIGGAGGCC CCTGGGCAGC GCTGGGCAGC GCTGGGCAGC AGTATGGCAA TGGTGGTGGCAA TGGTGGTGGAA TGCACTTCCAA AAAAAATAGC AGGCTGAGAA GCCAAGATCA TCTCAAAAAA TATGGGTTTT GGTTGTTATG TTCCAAAGTG TCTAGTTGCT ATTTTCATCA CATTGATCTCA ACAAAGGAAG ACTTTGGATT TGGATACAAG CTGTGACCTG TGTTTTGATT TCTAGAAGTTT TCTAGAAGTTA ACATTGCCTC TATTTAACCACT ATTTAACTCACT ATTTTAATTCA	TGGGCTGGGC AAGGTGGGTG ATGGCAAGAC GGCACGGTGG GCACGGTGG GCACGGTGG GCACGGTGG GCACGGTGG GCACGGTGG GCACGGTGG GCACGGTGG ATGGCATCAT CCCATGGCAA TGGGCATGGT GAGAGTATCA CATCACTGCA ATAAAATTTG TTCTTATAAT ATAACTAATG ATGTGGTGGTT ATTTTCTTAT CCCTTTGCAA TCTTTTCTTAT CCCTTTGCAA TCTTTTCTTAT TTTTTTATAAT ATAACGGTCAA TAAGGGTCAA CATTTCTTAA TCCTTTTCTTAA TCCTTTTCTTAA TCCTTTTCTTAA TCCTTTTCTTAA TCCTTTTCTTAA TCCTTTTTCT ACTATCTTTGT TTTTCCAATT TGTAGATACA TTGAGATACA

222501	TATTCATCCT	TTCTCCTATT	ACCAAGAGCA	ATCTCTCCTA	ΤΙΣΤΔΑΤΑΓΑΤ
33230T	CCTCACCAAA	TTTTCTGAA	TANGTGAATC	CATTAGLIGI	TAAATAATGT
33533T	ACCCATTACC	CTCTAGTAAA	ATATTAACAA	CCCTCATTTG	ACTICATTICA
332001	AGGCAT TAGC	TATTCTTTTA	TTACAACTCT	CCTATTTTCA	CCCATCTCTC
22502T	GCICIAGAAC	CAGCTTAACT	CACATATACA	TACACATATA	TATATATAT
332/UL	AMACAGCIAA	CAGCITAACI	TECACTETTA	TTCTCTCACC	CACACTICCAC
332751	TACAGAIIII	TTTTTTAAA	TOGAGICITA	TICIGICACC	TESCETTERAS
332801	TGCAGTAGTG	CTATCTTGGT	HACIGLAAC	ciaacia	IGGGCTCAAG
332851	TGATCCTCTC	ACCTTAGCCT	CCTGAGTGGC	TGGGACTACA	GGCATGCACC
332901	ACCGTGCCCA	<b>GCTAATTTT</b>	GIATTTTTT	GTAGAGATGT	CGTTTIGICA
332951	TGTTGCCCAG	<b>GCTGGTCTCG</b>	AACTCCTGGA	CTCAAGCAGT	CTGCCCTCCT
333001	TGCCCTTCCA	<b>AAGTGCTGGG</b>	ATTGGCCGGG	CACCGTGGCT	CACGCCTGTA
333051	ATCCCAGCAC	TCTGGGAGAC	CAAGGCAGGC	AGATCGAACG	CCTGAGGTCA
333101	<b>GGAGTTCGAG</b>	ACAAGCCTGG	CCAACATGGT	GAAACCCCCGT	CTCTACTAAA
333151	AATTAGCCAG	GTGTGGTGGC	<b>ATGTGCCTGT</b>	AGTCCCAGCC	ACTAGGGAGG
333201	CTGAGGCAGG	AGAATCTTGC	AGTGAGCTGA	GACTGCGCCA	CTGCACTCCA
222251	CCTCCCTCC	CAGAGTGAGA	CTCTGTCTCA	ΔΑΔΑΓΔΑΔΔΑ	ΔΔΔΔΔΔΔΔ
333231	CCAACTICCTIC	GGATTATAGG	CETCACCCAC	CATACCTGTC	CTTAAACCAT
2222CT	ATTITACTAC	TTATTTAAGG	AAGTTACAAA	AAAAATTOOT	TTTGATATAA
222227	ATTIAGIAG	TTATTTGCAC	ATTETTOAAA	ACACAATACT	CATCTTTAT
3334UL	IGAGIGCAAA	ATTICCTEACA	ACCCCAAACC	TOCCATAACT	ACTICITIES
33345T	ICACCIGATA	ATTIGCTIGAGA	AGGGCAVACC	1CCCAIAAGI	TCCTCCACCC
333501	111111111	$\overline{\mathbf{m}}$	TITIIGAGAC	AGAGACCICC	ACCECCACCE
333551	ACCTCAGCAT	CCCAAAGTGC	TGGGATTACA	GGCGTGAGCC	ACCIGCICCA
333601	GCCTTCTATT	TTCAAAAGTA	CICTIGACAT	TGTTGTAIC	GGIGACATAG
333651	ATTATGGAAT	CTCTGGTACT	TGTTTATTT	ACCAATTACG	AATAATAGIG
333701	GATTGTTCGT	GAAATTCCAG	ACATCTTTCC	CTAGGTATCT	TTGAGATGGA
333751	<b>ATGTCAGTTC</b>	TGAGCCCAGT	TAATTCATGT	TGCCTCATTT	TCTTTATAGG
333801	CTTTGATGCG	<b>GCCTGGAAGA</b>	<b>ATTGATAGAA</b>	TCATCTATGT	GCCTTTACCG
333851	GATGCAGCAA	CAAGAAGGGA	AATATTTAAG	CTGCAGTTTC	ACTCCATGCC
333901	TGTCAGTAAT	GAAGTTGACC	TGGATGAACT	CATCCTTCAA	ACCGACGCAT
333951	ACTCAGGAGC	AGAGGTAAGA	TAGTTCCCTT	CAAAATACCT	TAGTGGGAGG
334001	AAAGGGGTGG	CTCAGGGTCA	TTAAGCAAAA	TAAATTGCTT	GCCCTGAGGT
334051	GTTTTAAATG	ACCATACTAA	GAAATCTTGA	AACAGGAAGT	GCAGTACATG
224101	ACATACTCAC	TAACTTAAAT	TECACTITAC	GTGCTTCTA	TTATATCACA
224121	ATTOTOTAL	VCTTCCTCCT	ATTATTTCTC	AAAATGTAGT	CTTCAGAGGA
224201	ATACCATAAT	ATACTCACAA	CAACACTACA	CTACAACTAC	ATTCTTCCAC
334201	AIAGCAIAAI	AIAGIGAGAA	GACACIAGA	ATCACACACT	TOTOTAL
334251	TGGGCITCIT	AATACAGCAG	TITCIAACCA	ATCACACACI	TCTCTAACTT
334301	TGCGTTCTTT	ACCCATCAAA	IGGAAAIGAI	ACIACIACCI	ACTATAAACC
334351	TTCCTCATGG	AGAGCATAGA	AAIAAAAIIA	GGAIAICAIG	AGTATAAAGG
334401	GCAAAGCAAA	CAGATTGTAT	CATTATCATC	HIHIGICAL	TTTGGCAAGT
334451	TATCTCAGTC	TAATTITGTA	TTAAACATTC	TCTCACAGTA	AAAGGGACCA
334501	TCTGCCCTTA	CCTCTGAAGA	TAMACTETTG	ACAAGAACAG	CAAGACCTCT
334551	GTGAAAATAT	GAAAATGACT	TITATGTATG	GCAGATTAAC	ATTITICIC
334601	TCCTTACCAA	CTCTTTACTT	ATGCTATITY	' Tatttaccaa	ATAAAATTCC
334651	ATGAAATAAT	TCTGCAACTT	TTCTAGCTGC	ATTTCTTAAG	GAAAGGACCA
334701	ACTATGTACC	TCGACACAGA	AATAGCATCT	GTCACACCAA	TGATGTAGAC
334751	TTTTAATGGG	AGATTAATAT	TTTTTAAGT	ACAAGGTTAC	AGATTATTTT
334801	TATTCTGAAT	TACTCAGTAG	GCTAGGACTC	CACATTCTGT	TTTGCTTGCT
224851	ATTGTTTCA	TTCGTCTTAT	GTAAACACCG	AAGAGATTAC	CATATGACAG
334901	ATCATTAGTG	GTACTCCGAG	AGTCTATTTG	GAACTGAACT	TAGTGTATCA
334951	TICAGTICATA	GCTAATAACA	ACAACCAAAA	TAAATCCCAG	ATCTATTCAT
335001	TGTTTGCC	CAAGAACCAT	AGATATAGAT	ATAGACAGTC	CCCAACTTAT
335051	CACACTTTCA	CTTAAGATTT	TGGGGCTTTA	CAATGGTGCA	AAAGTGGTAC
335101	ACACTCAGTA	CACTCCTCAA	CTTACAATAC	AGCTACATCT	GGATAAATCC
225151	ACACICAGIA	GAAAATAACA	ACTICAAAAT	ATCGTAAGTC	AAAAACATAT
3323U1	ATCCATITI	CACTTAGACA	TATTO	ATCATCCCTT	TACCAGGACA
222261	TACCCCCATC	OACT TAGACA	CACTATTEE	· ATTTCATTT	CCTCCTTTAT
22252T	ATTITION	A PAGITGAG	TAAAAACCCA	TOTOGALLI	AGCTTGAGAA
332301	AIIIIICAAG	TCACIGGA	TTTAACTCCT	CTCAAACACT	CATCTTTATC
332351	GCAGTTGAAG	IGGGLICACC	CAACATACA	CIGAMACASI	GATCTTTATG
335401	. ACCATCCATA	AAGTTAAAAT	GAACATACAG	HAIGGHAA	CTGACTGCTC
335451	CAACATTTCT	AGAATTCAGT	TITIGATITE	AGACGAGGGC	TGGCATCTTG
335501	. TATGATGATA	TGGCAATTTG	CAGGAAACAG	CAAGAGGAAG	ACGAAGAAAC
335551	. CATAAATCTC	: TCACTTGAGC	CGAGTAAACT	AGAAGAGCAG	TTAGCAAGAT
335601	ATAAATATGC	CTTTCTCACT	TTGAAGTAAT	TCATGGTAGT	AACATCGAAG
335651	ΤΓΓΓΑΛΑΛΙΓΑΛ	AAATAAAACC	CAGTGAGATT	CTATCTGGCT	AAAAGGAAAA
335701	AAACCTCATT	TGGTGCCAGC	AATTATTGTA	CTGGCTTGCT	AATTCTTATG
335751	TAGTGCACTT	CTTATTTAAT	· CTAACATGTA	AGCACATTTA	TGATTAATTT
335801	TTATATGAGA	TCTTCTGAAA	ATCGTCACAC	i gaaaagtagc	AGAAAATTCT
335851	ATCTTTCCTC	CAAATTATATT	नाजजाळ	: ATAATGCTTG	GATTGGGGAG
335901	GGCATCCCAT	TGTGGTCCTA	TTTATAATTA	GTATATTATT	ACAACTTCAT
22227					
335951	AGAAATTTT	CTAACAGCTA	CATCTTAGTA	। जाटाजव्ज	TTCTAATTTA

336001					
	<b>GATGAGGCAG</b>	GTTGTTCCC	TGTTGAGGGT	TITIGITTIG	TTTIGTTTIG
336051	CTCTGAATAG	<b>GTAGGCAGTT</b>	CACACAGTTG	TTTTAGGAAA	ATTATTATTA
3363031	CTTAAAACT	CITAAAGITA	ATAMACAGGA	CATTTACCAC	ΔζΤΤΤΔΔΤΤΔ
320TOT	CITIAVVGI	TAAAACTTT	CATTOCACO	41114040	TCTCTCTTCA
33012T	ATGCTTAAGA	TAAAAGGTTT	ATTICICIC	ICICIGITIC	ICIGICITICA
336201	CACAGAACCT	TCTACATGGT	GIGIGITIAA	CAAGCACTTG	ATAMACIGIG
336251	GGGAAAAAAG	<b>ATTTTTAAAT</b>	TAGATTTAGG	AAAAATAGAC	TTCAGTTCTC
226201	ATTIGITACA	AGAGGAGCCC	TCTAACTCCC	TGCTGTAGAC	ACAGCCATTT
220201	ATTIGUACA	GGAGTGTCTC	TTTCCCCACT	TTCCCTATAA	AAATCAAACT
33032T	TCTCAGAGTT	GGAGIGICIC	TTTGGCCACT	HUGGIAIAA	AMIGMACI
336401	ACTATCAATT	TATTGTCCTC	ACAAGAGAAT	AGTATATTAT	ATTCAAGATT
336451	ΔΤΔΤΔΔΔΑΤΤ	AATTTTATTT	<b>AAGTGTATAC</b>	TATTAGCTAT	ATGAACAAGA
336501	ATTTCCCCAC	GAAAGCCAGA	GACGAGGAAT	TTCCTGGCAC	TCTAATTGTT
330301	TTT ACAAAC	AAAATGTTGA	ACTICTACTICA	CCATTITITA	TTTTTACTCA
22022T	HHAGAVAC	AVAIGIIGA	ASIGIAGIGA	GCATTITIA	ACTION
336601	AAAAGTTGTA	GAGGATGATT	AAGATGGAAA	IGATACIGGI	ACIIIIIII
336651	ППППП	TTTTTTGAG	ACAGAGTTTC	GCCCTTGTAT	CCCAGGCTGG
336701	AGTGCAGTGG	CACGATCTTG	GCTCACTGCA	ACCTCCCCCCT	CCCGGGTTCA
226751	ACCAATICTC	CTGCCTCAGC	CTCCCAACTC	CCTCCCATTA	CACCCACCCA
330/3T	ACCOMITCIC	CIGCCIOAGC	TOTAL	ATTACACACA	CCTTTCACC
33080T	CACCACGCC	CAGCTAATTT	HIGIATITI	ATTAGAGACA	GGGTTTCACC
336851	ACATTGGCCA	<b>GGCTGGTCTT</b>	GAACTCCTGA	CCTCAGGTGA	TCCGCCCACC
336901	TTGGCCTCCC	<b>AAAGTGCTGG</b>	GATTACAGGC	ATGAGCCTCT	GTGCCCACCA
		TAATGGCAGG			
		TIGGITATIT			
22/00T	TICTITICAL	TIGGITATI	TO A A TACCT	AICAGCAIIG	AAACTTACTC
337051	GCTTAGACCA	<b>GCTCAGTGTT</b>	IGAAAIAGCI	CHICIGGIC	AAAGITACIC
337101	CATTTTTCCT	TCGTGGAGAG	GGTATACAGA	GAATTGAAAC	ACTITIGIAA
337151	GCCTCAGGAG	<b>GCTCTCAAGA</b>	GGAAGTCTGT	CACCAGCTGG	AAGGGGAATA
337201	CAGCCCTTAG	GGAGCAGCCT	CTGAGGGGAG	ACTIGAAGCAG	GTIGGGTCTT
337201	TACCCATICT	CTGCCACCTG	CONCTCATTC	TOCOTOCO	TATCCCCCTC
33/23T	HAGUATCI	CIGCACCIG	CACICALIG	TOUCIGIOGE	MIGGCCCIC
		CTTCTTGACT			
337351	CATTTAAAAG	CAGAAGGGAA	TTTCTCTCAG	GAGGAAGTAA	GICTTTTGG
337401	ΤΤΑΤΟΛΟΤΑΤ	татттстт	TGCTCTGATT	ппаппп	AAGTTATTIG
		ACCTCATTTA			
33/437	TAGGATTCC	ACCOUNTING	CTCTAACACA	AAATCAACTC	TCACAAATAT
33/20T	IACTITIGGA	AGAGTTTTAT	CIGIAACAGA	AMICACIG	TOTOMAIAI
337551	ATTTACAAAA	AAAAGCAATA	ACTGGGCTCA	TTACCCCATA	TGCCCTATGC
337601	TTGGGAACAC	<b>AGGTGATGAG</b>	TAAGATGCAT	AATTTCTTCT	GTGTATCAGA
337651	ATTTGCTGAC	ATAGGCCAAA	GACTGATATC	TGTAAAATTG	GGGTTGAATT
227701	TTATTICAA	TTTGGATATT	ATCCTCCTTT	CACTGAATCC	CTTGGGATCA
337701	CCAATTTC	ACCCACTICAC	CCCCTTCTTC	CCCACTTTCT	AAATCTCCTC
33//5T	CCAATTIGIG	AGGGAGTCAG	GCCTICTIG	GCCAGITIGI	MAICICCIC
337801	CCTTACATCT	TCAGAGGCCA	GCTTCAGCCA	ACTECEACA	
222051			0011010001	AGI GGGGACA	CIGCAGIGAC
33/82T	AGGGAGGAGC	CGATTGGGAC	AGGCCCTTCC	TGGGAGCAGG	CATGCAACTC
337801	AGGGAGGAGC	CGATTGGGAC	AGGCCCTTCC	TGGGAGCAGG	CATGCAACTC
337901	ATGATGTGGC	CGATTGGGAC AGTCAGGAGC	AGGCCCTTCC AAAAAAAAAAA	TGGGAGCAGG	CATGCAACTC TTTAAAATGT
337901 337951	ATGATGTGGC	CGATTGGGAC AGTCAGGAGC TTACTATAGT	AGGCCCTTCC AAAAAAAAACA GGTTTTTTA	TGGGAGCAGG CCTTCTTTTC TTGCAATCTT	CATGCAACTC TTTAAAATGT ATGAATGTAG
337901 337951 338001	ATGATGTGGC AAAAATTTGC CTCTAGAAGA	CGATTGGGAC AGTCAGGAGC TTACTATAGT TCTTTTTAAA	AGGCCCTTCC AAAAAAAAACA GGTTTTTTA GCAATTCATT	TGGGAGCAGG CCTTCTTTIC TTGCAATCTT AGAGTTAAAT	CATGCAACTC TITAAAATGT ATGAATGTAG ACATTTCACA
337901 337951 338001 338051	ATGATGTGGC AAAAATTTGC CTCTAGAAGA CTGAGTTTTC	CGATTGGGAC AGTCAGGAGC TTACTATAGT TCTTTTTAAA AAAAAGCTTT	AGGCCCTTCC AAAAAAAACA GGTTTTTTA GCAATTCATT AACTTCATGT	TIGGAGCAGG CCTTCTTTTC TIGCAATCTT AGAGTTAAAT AAACTTAGTC	CATGCAACTC TITAAAATGT ATGAATGTAG ACATTTCACA TGTTTGTTTT
337901 337951 338001 338051	ATGATGTGGC AAAAATTTGC CTCTAGAAGA CTGAGTTTTC	CGATTGGGAC AGTCAGGAGC TTACTATAGT TCTTTTTAAA AAAAAGCTTT	AGGCCCTTCC AAAAAAAACA GGTTTTTTA GCAATTCATT AACTTCATGT	TIGGAGCAGG CCTTCTTTTC TIGCAATCTT AGAGTTAAAT AAACTTAGTC	CATGCAACTC TITAAAATGT ATGAATGTAG ACATTTCACA TGTTTGTTTT
337901 337951 338001 338051 338101	ATGATGTGGC AAAAATTTGC CTCTAGAAGA CTGAGTTTTC ATTTTTAAAT	CGATTGGGAC AGTCAGGAGC TTACTATAGT TCTTTTTAAA AAAAAGCTTT GATCTGTCAT	AGGCCCTTCC AAAAAAACA GGTTTTTTA GCAATTCATT AACTTCATGT GCCCTGAATT	TIGGAGCAGG CCTTCTTTC TIGCAATCTT AGAGTTAAAT AAACTTAGTC CTGTTTTGTA	CATGCAACTC TITTAAAATGT ATGAATGTAG ACATTTCACA TGTTTGTTTT GTCTATGCCT
337901 337951 338001 338051 338101 338151	ATGATGTGGC AAAAATTTGC CTCTAGAAGA CTGAGTTTTC ATTTTTAAAT TCCTGGGTCT	CGATTIGGAC AGTCAGGAGC TTACTATAGT TCTTTTTAAA AAAAAGCTTT GATCTIGTCAT AATAATAGCA	AGGCCCTTCC AAAAAAACA GGTTTTTTTA GCAATTCATGT AACTTCATGT GCCCTGAATT CAAGATCTTC	TIGGAGCAGG CCTTCTTTTC TIGCAATCTT AGAGTTAAAT AAACTTAGTC CTGTTTTGTA ATGCCAGCTT	CATGCAACTC TITAAAATGT ATGAATGTAG ACATTTCACA TGTTTGTTTT GTCTATGCCT GACATTTAAA
337901 337951 338001 338051 338101 338151 338201	ATGATGTGGC AAAAATTTGC CTCTAGAAGA CTGAGTTTTC ATTTTTAAAT TCCTGGGTCT AAATCACCTT	CGATTIGGAC AGTCAGGAGC TTACTATAGT TCTTTTTAAA AAAAAGCTTT GATCTIGTCAT AATAATAGCA CTAGTTTIGCC	AGGCCCTTCC AAAAAAAACA GGTTTTTTTA GCAATTCATGT AACTTCATGT GCCCTGAATT CAAGATCTTC TCATTAATTC	TIGGAGCAGG CCTTCTTTTC TIGCAATCTT AGAGTTAAAT AAACTTAGTC CTGTTTTGTA ATGCCAGCTT AAGAAGGGTC	CATGCAACTC TITAAAATGT ATGAATGTAG ACATTTCACA TGTTTGTTTT GTCTATGCCT GACATTTAAA CTATTCACTA
337901 337951 338001 338051 338101 338151 338201 338251	ATGATGTGGC AAAAATTTGC CTCTAGAAGA CTGAGTTTTC ATTTTTAAAT TCCTGGGTCT AAATCACCTT TGCTTGAGCT	CGATTIGGAC AGTCAGGAGC TTACTATAGT TCTTTTTAAA AAAAAGCTTT GATCTIGTCAT AATAATAGCA ACTAGTTTGCC ATTATAGCTA	AGGCCCTTCC AAAAAAACA GGTTTTTTA GCAATTCATT AACTTCATGT GCCCTGAATT CAAGATCTTC TCATTAATTC ATAAAAGGAG	TIGGAGCAGG CCTTCTTTC TIGCAATCTT AGAGTTAAAT AAACTTAGTC CTGTTTTGTA ATGCCAGCTT AAGAAGGGTC AGCCTTAAAT	CATGCAACTC TITAAAATGT ATGAATGTAG ACATTTCACA TGTTTGTTTT GTCTATGCCT GACATTTAAA CTATTCACTA TACTTTTCTG
337901 337951 338001 338051 338101 338151 338201 338251 338301	ATGATGTGGC AAAAATTTGC CTCTAGAAGA CTGAGTTTTC ATTTTTAAAT TCCTGGGTCT AAATCACCTT TGCTTGAGCT TCCTCACTGAT	CGATTIGGGAC AGTCAGGAGC TTACTATAGT TCTTTTTAAA AAAAAGCTTT GATCTIGTCAT AATAATAGCA CTAGTTTIGCC ATTATAGCTA TAACGTTTTT	AGGCCCTTCC AAAAAAACA GGTTTTTTA GCAATTCATT AACTTCATGT GCCCTGAATT CAAGATCTTC TCATTAATTC ATAAAAGGAG TCTGACATCT	TIGGAGCAGG CCTTCTTTC TIGCAATCTT AGAGTTAAAT AAACTTAGTC CTGTTTTGTA ATGCCAGCTT AAGAAGGGTC AGCCTTAAAT CTTTTTCTCC	CATGCAACTC TITAAAATGT ATGAATGTAG ACATTTCACA TGTTTGTTTT GTCTATGCCT GACATTTAAA CTATTCACTA TACTTTTCIG CACACAGTGA
337901 337951 338001 338051 338101 338151 338201 338251 338301 338351	ATGATGTGGC AAAAATTTGC CTCTAGAAGA CTGAGTTTTC ATTTTTAAAT TCCTGGGTCT AAATCACCTT TGCTTGAGCT TCTCACTGAT AAACAGAAGG	CGATTIGGAC AGTCAGGAGC TTACTATAGT TCTTTTTAAA AAAAAGCTTT GATCTIGTCAT AATAATAGCA CTAGTTTIGCC ATTATAGCTA TAACGTTTTT AGCAATTATA	AGGCCCTTCC AAAAAAACA GGTTTTTTA GCAATTCATT AACTTCATGT GCCCTGAATT CAAGATCTTC TCATTAATTC ATAAAAGGAG TCTGACATCT GCCACTTAAA	TIGGAGCAGG CCTTCTTTC TIGCAATCTT AGAGTTAAAT AAACTTAGTC CTGTTTTGTA ATGCCAGCTT AAGAAGGGTC AGCCTTAAAT CTTTTTCTCC ATGTCTGTAC	CATGCAACTC TITAAAATGT ATGAATGTAG ACATTTCACA TGTTTGTTTT GTCTATGCCT GACATTTAAA CTATTCACTA TACTTTTCTG CACACAGTGA TCTTCTTATG
337901 337951 338001 338051 338101 338151 338201 338251 338301 338351 338401	ATGATGTGGC AAAAATTTGC CTCTAGAAGA CTGAGTTTTC ATTTTTAAAT TCCTGGGTCT AAATCACCTT TGCTTGAGCT TCTCACTGAT TCCTAGAAGG TGAAATCTCT	CGATTIGGAC AGTCAGGAGC TTACTATAGT TCTTTTTAAA AAAAAGCTTT GATCTIGTCAT AATAATAGCA CTAGTTTIGCC ATTATAGCTA TAACGTTTTT AGCAATTATA TGTGATAGTA	AGGCCCTTCC AAAAAAACA GGTTTTTTA GCAATTCATT AACTTCATGT GCCCTGAATT CAAGATCTTC TCATTAATTC ATAAAAGGAG TCTGACATCT GCCACTTAAA TTCCCCAAAC	TIGGAGCAGG CCTTCTTTC TTIGCAATCTT AGAGTTAAAT AAACTTAGTC CTGTTTTGTA ATGCCAGCTT AAGAAGGGTC AGACTTAAAT CTTTTTCTCC ATGTCTGTAC TAAAATATCA	CATGCAACTC TITAAAATGT ATGAATGTAG ACATTTCACA TGTTTGTTTT GTCTATGCCT GACATTTAAA CTATTCACTA TACTTTTTTCTG CACACAGTGA TCTTCTTATG GTCATTGTAT
337901 337951 338001 338051 338101 338151 338201 338251 338301 338351 338401	ATGATGTGGC AAAAATTTGC CTCTAGAAGA CTGAGTTTTC ATTTTTAAAT TCCTGGGTCT AAATCACCTT TGCTTGAGCT TCTCACTGAT TCCTAGAAGG TGAAATCTCT	CGATTIGGAC AGTCAGGAGC TTACTATAGT TCTTTTTAAA AAAAAGCTTT GATCTIGTCAT AATAATAGCA CTAGTTTIGCC ATTATAGCTA TAACGTTTTT AGCAATTATA TGTGATAGTA	AGGCCCTTCC AAAAAAACA GGTTTTTTA GCAATTCATT AACTTCATGT GCCCTGAATT CAAGATCTTC TCATTAATTC ATAAAAGGAG TCTGACATCT GCCACTTAAA TTCCCCAAAC	TIGGAGCAGG CCTTCTTTC TTIGCAATCTT AGAGTTAAAT AAACTTAGTC CTGTTTTGTA ATGCCAGCTT AAGAAGGGTC AGACTTAAAT CTTTTTCTCC ATGTCTGTAC TAAAATATCA	CATGCAACTC TITAAAATGT ATGAATGTAG ACATTTCACA TGTTTGTTTT GTCTATGCCT GACATTTAAA CTATTCACTA TACTTTTTTCTG CACACAGTGA TCTTCTTATG GTCATTGTAT
337901 337951 338001 338051 338101 338151 338251 338251 338351 338401 338451	ATGATGTGGC AAAAATTTGC CTCTAGAAGA CTGAGTTTTC ATTTTTAAAT TCCTGGGTCT AAATCACCTT TGCTTGAGCT TCTCACTGAT AAACAGAAGG TGAAATCTCT TAGAATCTCT	CGATTGGGAC AGTCAGGAGC TTACTATAGT TCTTTTAAA AAAAAGCTTT GATCTGTCAT AATAATAGCA CTAGTTTGCC ATTATAGCTA TAACGTTTTA AGCAATTATA TGTGATAGTA CATAGATTGT	AGGCCCTTCC AAAAAAACA GGTTTTTTA GCAATTCATT AACTTCATGT GCCCTGAATT CAAGATCTTC TCATTAATTC ATAAAAGGAGT TCTGACATTAAA TTCCCCCAAAC TCATCATCACC TCATCACCACC TCATCACCACCACC TCATCACCACCACCACC TCATCACCACCACCACC TCATCACCACCACCACC TCATCACCACCACCACC TCATCACCACCACCACC TCATCACCACCACCACCACC TCATCACCACCACCACCACCACC TCATCACCACCACCACCACCACCACCACCACCACCACCAC	TIGGAGCAGG CCTTCTTTC TIGCAATCTT AGAGTTAAAT AAACTTAGTC CTGTTTTGTA ATGCCAGCTT AAGAAGGGTC AGACCTTAAAT CTTTTTCTCC ATGTCTGTAC TAAAATATCA AGTCAAACAA	CATGCAACTC TITAAAATGT ATGAATGTAG ACATTTCACA TGTTTGTTTT GTCTATGCCT GACATTTAAA CTATTCACTA TACTTTTCTG CACACAGTGA TCTTCTTATG GTCATTGTAT CACATGTGAG
337901 337951 338001 338051 338101 338151 338201 338251 338351 338401 338451 338451	ATGATGTGGC AAAAATTTGC CTCTAGAAGA CTGAGTTTTC ATTTTTAAAT TCCTGGGTCT AAATCACCTT TGCTTGAGCT TCTCACTGAT AAACAGAAGG TGAAATCTTGG ATAGGAATAA	CGATTIGGAC AGTCAGGAGC TTACTATAGT TCTTTTTAAA AAAAAGCTTT GATCTIGTCAT AATAATAGCA CTAGTTTIGCC ATTATAGCTA TAACGTTTTT AGCAATTATA TGTGATAGTA CATAGATTGT GGATTCTAAG	AGGCCCTTCC AAAAAAACA GGTTTTTTA GCAATTCATGT AACTTCATGT GCCCTGAATT CAAGATCTTC TCATTAATTC ATAAAAGGAG TCTGACATCT GCCACTTAAA TTCCCCAAAC TCATCTGACC GAAGGACCAT	TIGGAGCAGG CCTTCTTTC TIGCAATCTT AGAGTTAAAT AAACTTAGTC CTGTTTTGTA ATGCCAGCTT AAGAAGGGTC AGCCTTAAAT CTTTTTCTA CTTTTTCTA AGTCTAAAT CTTTTTCTA AGTCTAAAT AGTCAAACAA TTGACCTGGT	CATGCAACTC TITAAAATGT ATGAATGTAG ACATTTCACA TGTTTGTTTT GTCTATGCCT GACATTTAAA CTATTCACTA TACTTTCTTG CACACAGTGA TCTTCTTATG GTCATTGTAT CACATGTGAG CTTAAGCGCT
337901 337951 338001 338051 338101 338151 338201 338251 338301 338401 338451 338501 338501	ATGATGTGGC AAAAATTTGC CTCTAGAAGA CTGAGTTTTC ATTTTTAAATT TCCTGGGTCT AAATCACCTT TGCTTGAGCT TCTCACTGAT AAACAGAAGG TGAAATCTCGT TAGGAATCTGG ATAGGAATAA CTACTTATTA	CGATTIGGAC AGTCAGGAGC TTACTATAGT TICTTTTAAA AAAAAGCTTT GATCTIGTCAT AATAATAGCA ATTATAGCTA TAACGTTTT AGCAATTATA TIGTGATAGTA GATTIGT GGATTCTAAG TTIGTTAGAAA	AGGCCCTTCC AAAAAAACA GGTTTTTTA GCAATTCATGT AACTTCATGT GCCCTGAATT CAAGATCTTC TCATTAATTC ATAAAAGGAG TCTGACATCT GCCACTTAAA TTCCCCAAAC TCATCTGACCT GAAGGACCAT GCAGCTAGCA GCAGCTAGCA GCAGCTAGCA	TIGGGAGCAGG CCTTCTTTC TIGCAATCTT AGAGTTAAAT AAACTTAGTC CTGTTTTGTA ATGCCAGCTT AAGAAGGGTC AGCCTTAAAT CTTTTTCC ATGTCTGTAC ATGTCTGTAC ATGTCTAAAT AGTCAAACAA TTGACCTGGT GCAGTGTACT	CATGCAACTC TITAAAATGT ATGAATGTAG ACATTTCACA TGTTTGTTTT GTCTATGCCT GACATTTAAA CTATTCACTA TACTTTCTG CACACAGTGA TCTTCTTATG GTCATTGTAT CACATGTGAG CTTAAGCGCT TGTCTCCAAA
337901 337951 338001 338051 338101 338151 338201 338251 338301 338401 338451 338501 338551 338601	ATGATGTGGC AAAAATTTGC CTCTAGAAGA CTGAGTTTTC ATTTTTAAATT TCCTGGGTCT AAATCACCTT TGCTTGAGCT TCTCACTGAT AAACAGAAGG TGAAATCTGG ATAGGAATAA CTACTTATTA GTGAAGCAGA	CGATTIGGAC AGTCAGGAGC TTACTATAGT TICTTTTAAA AAAAAGCTTT GATCTGTCAT AATAATAGCA CTAGTTTIGCC ATTATAGCTA TAACGTTTT AGCAATTATA TGTGATAGTA GATTCTAAG TTGTTAGAAA GCAGCACAGT	AGGCCCTTCC AAAAAAACA GGTTTTTTA GCAATTCATGT AACTTCATGT GCCCTGAATT CAAGATCTTC TCATTAATTC ATAAAAGGAG TCTGACATCT GCCACTTAAA TTCCCCAAAC TCATCTGACCT GAAGGACCAT GCAGCTAGCA ACTTAGCACT	TIGGAGCAGG CCTTCTTTC TIGCAATCTT AGAGTTAAAT AAACTTAGTC CTGTTTTGTA ATGCCAGCTT AAGAAGGGTC AGCCTTAAAT CTTTTTCC ATGTCTGTAC ATGTCTGTAC AGTCAAACAA TTGACCTGGT GCAGTGTACT CTCCTACAGA	CATGCAACTC TITAAAATGT ATGAATGTAG ACATTTCACA TGTTTGTTTT GTCTATGCCT GACATTTAAA CTATTCACTA TACTTTCTG CACACAGTGA TCTTCTTATG GTCATTGTAT CACATGTGAG CTTAAGCGCT TGTCTCCAAA CCAGGGGTCC
337901 337951 338001 338051 338101 338151 338201 338251 338301 338401 338451 338501 338551 338601	ATGATGTGGC AAAAATTTGC CTCTAGAAGA CTGAGTTTTC ATTTTTAAATT TCCTGGGTCT AAATCACCTT TGCTTGAGCT TCTCACTGAT AAACAGAAGG TGAAATCTGG ATAGGAATAA CTACTTATTA GTGAAGCAGA	CGATTIGGAC AGTCAGGAGC TTACTATAGT TICTTTTAAA AAAAAGCTTT GATCTGTCAT AATAATAGCA CTAGTTTIGCC ATTATAGCTA TAACGTTTT AGCAATTATA TGTGATAGTA GATTCTAAG TTGTTAGAAA GCAGCACAGT	AGGCCCTTCC AAAAAAACA GGTTTTTTA GCAATTCATGT AACTTCATGT GCCCTGAATT CAAGATCTTC TCATTAATTC ATAAAAGGAG TCTGACATCT GCCACTTAAA TTCCCCAAAC TCATCTGACCT GAAGGACCAT GCAGCTAGCA ACTTAGCACT	TIGGAGCAGG CCTTCTTTC TIGCAATCTT AGAGTTAAAT AAACTTAGTC CTGTTTTGTA ATGCCAGCTT AAGAAGGGTC AGCCTTAAAT CTTTTTCC ATGTCTGTAC ATGTCTGTAC AGTCAAACAA TTGACCTGGT GCAGTGTACT CTCCTACAGA	CATGCAACTC TITAAAATGT ATGAATGTAG ACATTTCACA TGTTTGTTTT GTCTATGCCT GACATTTAAA CTATTCACTA TACTTTCTG CACACAGTGA TCTTCTTATG GTCATTGTAT CACATGTGAG CTTAAGCGCT TGTCTCCAAA CCAGGGGTCC
337901 337951 338001 338051 338101 338151 338201 338251 338301 338451 338451 338501 338551 338601 338651	ATGATGTGGC AAAAATTTGC CTCTAGAAGA CTGAGTTTTC ATTTTTAAATT TCCTGGGTCT AAATCACCTT TGCTTGAGCT TCTCACTGAT AAACAGAAGG TGAAATCTCG ATAGGAATAA CTACTTATTA GTGAAGCAGA CCAACCTCCT	CGATTIGGAC AGTCAGGAGC TTACTATAGT TICTTTTAAA AAAAAGCTTT GATCTGTCAT AATAATAGCA ATTATAGCTA TAACGTTTT AGCAATTATA TGTGATAGTA TGTGATAGT GGATTCTAAG TTGTTAGAAA GCAGCACAGT GGCCACGGAC	AGGCCCTTCC AAAAAAACA GGTTTTTTA GCAATTCATGT GCCCTGAATT CAAGATCTTC TCATTAATTC ATAAAAGGAG TCTGACATCT GCCACTTCAAA TTCCCCAAAC TCCTCACACC GAAGGACCAT GCAGCTAGCA ACTTAGCACT CAGCACCAGT CAGCACCAGT	TIGGGAGCAGG CCTTCTTTC TIGCAATCTT AGAGTTAAAT AAACTTAGTC CTGTTTTGTA ATGCCAGCTT AAGAAGGGTC AGCCTTAAAT CTTTTTCC ATGTCTGTAC ATGTCTACAA AGTCAAACAA TTGACCTGGT GCAGTGTACT CTCCTACAGA ACTGCATAGC	CATGCAACTC TITAAAATGT ATGAATGTAG ACATTTCACA TGTTTGTTTT GTCTATGCCT GACATTTAAA CTATTCACTA TACTTTCTG CACACAGTGA TCTTCTTATG GTCATTGTAT CACATGTGAG CTTAAGCGCT TGTCTCCAAA CCAGGGGTCC ATGAGTGAGT
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337901 337951 338001 338051 338101 338151 338251 338301 338451 338501 338551 338601 338651 338751 338801 338851 338901 338951 33901 339101 339101 339251 339251 339201 339301 339301	ATGATGTIGGC AAAAATTTIGC CTCTAGAAGA CTGAGTTTTC ATTTTTAAAT TCCTGGGTCT AAATCACCTT TIGCTTIGAGCT TICTCACTGAT AAACAGAAGG TGAAATCTCT TAGAATCTCT TAGAATCTCT TAGAATCTCT TAGAATCTCT GGCAGACAGA CTACTTATTA GTGAAGCAGA CAACCTCCT GGCAGACAAG AGTGGCATTC AGTTTCATTCT CCACAAAACC CTGTCTGCAA ATGCTGCTAT TCTCTATTCT GAATTTCAAA CAACCAACTG TACAACAACA CATTTACATT GAGGTGTGCT TAGAACACA CATTTACATT GAGGTGTGC CCTTGAGCATC CCTTGAGCATC CCTTGAGCATC	CGATTIGGAC AGTCAGGAGC TTACTATAGT TCTTTTTAAA AAAAAGCTTT GATCTIGTCAT AATAATAGCA CTAGTTTIGCAT AATAATAGCA ATAATAGCTA TAACGTTTTT AGCAATTATA TGTGATAGTA CATAGATTGT GGATTCTAAG TTGTTAGAAA GCAGCACAGT GGCCACGGAC TGAGCATTATA TAGGTTGTGT CGAAACCATC AGTCCCTGGT CCTACTTTTC CACCAAGTAG TCCTTGTGTC ATACTCAGTG GGAATAGAAA AAAGTACAA ATGTCAGTTGT CACGGGTTATA CTTGGGTTTT CAAGGGTTATA CTTGGGTTTT CAAGGGACAA	AGGCCCTTCC AAAAAAACA GGTTTTTTA GCAATTCATT AACTTCATGT GCCCTGAATT CAAGATCTTC TCATTAATTC ATTAAAAGGAG TCTGACATCT GCCACTTAAA TTCCCCAAAC TCATCTGACC GAAGGACCAT GCACTTAGCA ACTTAGCAC TCATCTGACC GAAGGACCAT GCACCTGAGT TGCCTGAGT TGCCTGAGT TGCCTGAGT TGCCTGATG CCCCCACCCC CCCAAAAATG CTGCCTAATC TCTACTATAT TTTACACTAA CTCTGTATCT ATTATCAGAAA ATTTGAAAAT TCATAAAGTACT GGTATCTAAG CTATATCTTAAG CTATATTCTT	TIGGAGCAGG CCTTICTTTIC TITICAATICTT AGAGTTAAAT AAACTTAGTC CTGTTTTIGTA ATGCCAGCTT AAGAAGGGTC AGCCTTAAAT CTTTTTCTCC ATGTCTGTAC TAAAATATCA AGTCAAACAA TTGACCTGGT GCAGTGTACT CTCCTACAGA ACTGCATAGC CTGCCTCCTG CCCTATTGTG AGAATCTAAC ATTTGTGGAA TTGGGGACTG AGAACTGCC TTGAGGATCTT AATTCTGTAT GCAAGTTCCA AAAGCAACAA ATAGCATGAC TCTAGAGGTT AATTCTGTAT GCAAGTTCCA AAAGCAACAA ATAGCATGAC TCTAGAGGATG TCTAGAGGATT GGGCTCCTGG TCCTTACACG	CATGCAACTC TITAAAATGT ATGAATGTAG ACATTTCACA TGTTTGTTTT GTCTATGCCT GACATTTAAA CTATTCACTA TACTTTTCTG CACACAGTGA TCTTCTTATG GTCATTGTAT CACATGTGAG CCTTAAGCGCT TGTCTCCAAA CCAGGGGTCC ATGAGTGAGT ACATTGTCTT CTGCTATGGA CAATTGTCTT CTGCTATGGA CTATGCAAC CATGTGAAAC CATTGCTATC CTGCAAATT CACATTGCTATC CTGCCAACT CTGCCAACT CTGCCAACT CTGCCAACT AAAATAACAA AACTATATAGGA ATGTATACAA ATGTATACACAA

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	TATICTITIG	TACTCTTTTA	CACTTATTTT	TGTTTCCTT	GTTTAGCTGT
333301	TACCATATIT	TGTAGTTATT	TIATITITI	AGAGACAGGG	TCTCATTCTA
2222T	IACCAIATTI	IGIAGUAU		ATACCITACT	CCAACTTTCA
339601	TTGCCCCAGGC	TGGAGTGCAG	IGICAIGAIC	AIACCITACT	GCAACTITGA
330651	ACTICITICAL	TCAAGTGGTC	CTCCTGCCCA	AGCCTCCTGA	GTAGCTCAGA
222027	ACICCICOCC	10710010	CCCCACCTAA	TOTTTAAA	AAAATTTCTA
339701	ATAGAGGIGC	ATGCCACTGT	GCCCAGCTAA	TITTITIAWA	AWAITIGIA
339751	GACATTGTCA	TGTTGCCCAG	CCTGGTCTTA	AACTCCTGGC	CTCAAGCAAT
330001	CCCCTATCT	CAGCCTCCTA	AACTGTTCCC	ATTACAGGC	TCACCCACTG
33980T	CICCIAICI	CAGCLICCIA	AAGIGI IGGG	ALIACAGGC	107000000
339851	TGTCTGGCCT	CTGTAGTTAT	TTTAATATGA	GCAGCTGCCT	CAICICCCCA
220001	AACACAGATT	<b>CTCTAGGGCA</b>	CACATCACTT	CTIGTACTIC	TTAAAGTCTG
22220T	AACACAGATT	CICIAGGGCA	9494104011	CITOIACITC	TACATOCT
339951	GCAAAAACAGC	<b>TGTCTCACAC</b>	ACACICGGIG	GGCALIAAIA	HAGATGGGT
340001	CCTACATTTA	TGTATTGATT	CTAAGTCATT	TTACCAACCA	AAAATGTCAG
340001	001/00/11/10	TOTAL 10-11	CCACTTOTA	CTTTTAATCA	TATTTTCATA
34UU51	HHAACAH	TGCTGAAGTG	GACITICIA	GITTIAMICA	MITTICAIA
340101	TACATTATCT	ATTTGAGTAC	CCTAACTCTA	TGAGAGCAGT	GCTGTAGCGA
240151	AACAACTAAA	GTCAAGCAAA	ACAAATTICCC	TTCTCTCAGA	TCCCACAGCA
240121	AACAACIAAA	GICMGCAM	AGMAI IOGC	1101010-05	1000
340201	AATAAGTGAC	AAACCTGGGA	CCAGAAACCA	GGICICICAG	TICCACTIGA
340251	ACCACTICCAC	<b>GATICTOCTAA</b>	TECCTCTGTG	TCAACACAAC	GTTCTTTGAA
340231	AGGACTCCAC	GAICIGCIAA	CTCTCTCTC	TATTECATAA	AACTTICTCA
340301	ACTITICATAG	TTCCCTTTGA	COLCICIONA	IALLIGATAA	AAGITIGICA
340351	ATTOCTGTGA	<b>ATAGTGACTT</b>	AGCAAACTAA	ACAGCAGTTA	TGAAACATCT
340401	CTACCATTET	TATACCTETT	TOTALACAC	TAATTCTCTT	TACCTACCTT
340401	GIACCATTT	TATACCTTTT	ICICI IACAG	IMALIGICIT	IACCIACCIT
340451	GTTTCATCT	TCTCCAAAAA	AGTATAAGCT	ACCTAAAGTT	AGGAACCTTG
240501	TTTTATCAA	TTAATTICTT	TTATTTCCTA	GGTATTGTGA	ATAATGTTTG
240201	TITIAICM	TIMATTICIT	1 IATTICEIA	CTTTATATA	ATCTATETAT
340551	CAATTTAGAA	TGAAAAGTAT	AAACAACGAA	GHHAIAIA	AIGIALLIAL
340601	CTCCCATGAT	CTACTGATGT	GCAGAATGCT	ATAGGAGAAA	GGAGGAGGAG
340001	TAACTICACAC	TACCTGGGAT	TAAATCACAT	ACATCATACC	CAGAAGAATT
34003T	TAACTCACAC	IACCIGGGAI	IAMAIGAGAI	AGAIGAIACC	CHOMOMII
340701	TTTTCTGAG	TTTTGATGGG	CAGATGGAAA	GGCAGAGATG	AATGAAAGAA
240751	CATCCTCTCC	TCTAAAATCA	CTTAAACTTT	GAATATGATT	CCCACAAACA
240/21	CAIGGIGIGG	ICIAMMICA	GIIAAAGIII	CACAAAACT	4CCTC4C4CT
340801	GTCTTCATGT	<b>AGAAGTAGTA</b>	GGGGATGAAG	CAGAAAAAGI	AGG I CAGACI
3/0851	TAAATATCAA	<b>GGAACTTGAA</b>	TATCATCCGA	ACTIGCTTTT	CTCCTTTCAG
240001	IAMINION .	CCATCHION	ATTENCATOR	TOTTOTTO	ACATTICTAT
34U9U1	CAATGGAAAA	CCATTGAAAA	AIGIGAICAC	IGI IGIGGIC	AGAITIGIAI
340951	ΤΔΤΤΓΔΔΔΓΔ	TTTGTGGCAT	TTGTGTCCAA	AGCCACCACT	AGCTAGCCTT
341001	CCAACCACCA	TTACACGAAT	TACAAAAACG	TOTTOCTTON	CCCCACTTCC
341W1	COMBOACCA	I IACACGAAI	IAG-VVVVGG	1011001104	CCCACITO
341051	TGACAGCTTT	TTGTTACAGC	AAAAAAGCTTG	TCAGAGCATG	AGCAACATTI
2/1101	CACCCCCTAT	TTGCCCCCCCT	TOCCTOCCA	CCTTTTGTA	GATACAAGCT
341101	CAGCCCIAI	TIGGGGGG	100010000	CCCCCCCC	TTATCTCC
341151	TTACATCIGT	<b>ACAAGGTGTC</b>	HAIIIIGI	CITCICCACC	HAICICC
341201	TCACAATGCC	TAGCATAGCA	CCTTATATAG	AGTTATTGTC	ATTAAATAAA
341351	CALATECACA	CTTTACATCT	CAAATATATA	AACTACTITC	TCTAACTTTA
3 <del>4</del> 1231	CAAAIGGAGA	CITIACATCI	CAMINIAIA	AALIALIIC	IGIAACIIIA
241201					
34L3UL	ACATTTACCT	CATGAGCCCCT	TGGATAAAAA	TAAATTGGGA	CTATTAAAGA
3413UL	ACATTTACCT	CATGAGCCCT	TGGATAAAAA	TAAATTGGGA	CTATTAAAGA
341351	TGICTTTGT	<b>AGAAGATACA</b>	GAAATGGCCA	TAAATTGGGA ACAAACATGA	CTATTAAAGA AAAAATAGCA
341351 341401	TCACTAATGA	AGAAGATACA TCAGGAAAAT	GAAATGGCCA GCAAATCAAA	TAAATTGGGA ACAAACATGA ACCACAGTGC	CTATTAAAGA AAAAATAGCA AATACCACTT
341351 341401	TCACTAATGA	AGAAGATACA TCAGGAAAAT	GAAATGGCCA GCAAATCAAA	TAAATTGGGA ACAAACATGA ACCACAGTGC	CTATTAAAGA AAAAATAGCA AATACCACTT
341351 341401 341451	TGICTTTTGT TCACTAATGA TATTCCTATA	AGAAGATACA TCAGGAAAAT AGAATAGCCA	GAAATGGCCA GCAAATCAAA TAATCAAAAA	TAAATTGGGA ACAAACATGA ACCACAGTGC ATCAAAAAAT	CTATTAAAGA AAAAATAGCA AATACCACTT AATAGATGTT
341351 341401 341451 341501	TGICTTTGT TCACTAATGA TATTCCTATA GGCGTGGATG	AGAAGATACA TCAGGAAAAT AGAATAGCCA TGCTAAAAAG	GAAATGGCCA GCAAATCAAA TAATCAAAAA GGGACATCGT	TAAATTGGGA ACAAACATGA ACCACAGTGC ATCAAAAAAT TACACTGCTG	CTATTAAAGA AAAAATAGCA AATACCACTT AATAGATGTT GTGGGAATGT
341351 341401 341451 341501	TGICTTTGT TCACTAATGA TATTCCTATA GGCGTGGATG	AGAAGATACA TCAGGAAAAT AGAATAGCCA TGCTAAAAAG	GAAATGGCCA GCAAATCAAA TAATCAAAAA GGGACATCGT	TAAATTGGGA ACAAACATGA ACCACAGTGC ATCAAAAAAT TACACTGCTG	CTATTAAAGA AAAAATAGCA AATACCACTT AATAGATGTT GTGGGAATGT
341351 341401 341451 341501 341551	TGICTTTGT TCACTAATGA TATTCCTATA GGCGTGGATG AAACTAGTAC	AGAAGATACA TCAGGAAAAT AGAATAGCCA TGCTAAAAAG AATCACTATG	GAAATGGCCA GCAAATCAAAA TAATCAAAAA GGGACATCGT GAAAACAGTG	TAAATTGGGA ACAAACATGA ACCACAGTGC ATCAAAAAAT TACACTGCTG TAGAGATTCC	CTATTAAAGA AAAAATAGCA AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT
341351 341401 341451 341501 341551 341601	TGTCTTTGT TCACTAATGA TATTCCTATA GGCGTGGATG AAACTAGTAC AAAAGTAGAA	AGAAGATACA TCAGGAAAAT AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG	GAAATGGCCA GCAAATCAAA TAATCAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT	TAAATTIGGGA ACAAACATGA ACCACAGTIGC ATCAAAAAAT TACACTIGCTIG TAGAGATTICC CCCACTIGCTIA	CTATTAAAGA AAAAATAGCA AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC
341351 341401 341451 341501 341551 341601 341651	TIGICITITIGI TCACTAATGA TATTCCTATA GGCGTGGATG AAACTAGTAC AAAAGTAGAA AGAGGAAATA	AGAAGATACA TCAGGAAAAT AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG AGTCATTATA	GAAATGGCCA GCAAATCAAA TAATCAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT	TAAATTIGGGA ACAAACATGA ACCACAGTIGC ATCAAAAAAAT TACACTIGCTIG TAGAGATTICC CCCACTIGCTIA ACTTACACAT	CTATTAAAGA AAAAATAGCA AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT
341351 341401 341451 341501 341551 341601 341651	TIGICITITIGI TCACTAATGA TATTCCTATA GGCGTGGATG AAACTAGTAC AAAAGTAGAA AGAGGAAATA	AGAAGATACA TCAGGAAAAT AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG AGTCATTATA	GAAATGGCCA GCAAATCAAA TAATCAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT	TAAATTIGGGA ACAAACATGA ACCACAGTIGC ATCAAAAAAAT TACACTIGCTIG TAGAGATTICC CCCACTIGCTIA ACTTACACAT	CTATTAAAGA AAAAATAGCA AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT
341351 341401 341451 341501 341551 341601 341651 341701	TIGICTTTTGT TCACTAATGA TATTCCTATA GGCGTGGATG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGCAGCACAA	AGAAGATACA TCAGGAAAAT AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG AGTCATTATA ATTCACAATTA	GAAATGGCCA GCAAATCAAAA TAATCAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATATG	TAAATTIGGGA ACAAACATGA ACCACAGTIGC ATCAAAAAAAT TACACTIGCTIG TAGAGATTICC CCCACTIGCTIA ACTTIACACAT GAACCAGCCC	CTATTAAAGA AAAAATAGCA AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT AAATGCCCAT
341351 341401 341451 341501 341551 341601 341651 341701 341751	TIGICITITIGI TCACTAATGA TATTICCTATA GGCGTGGATG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGCAGCACAA CAATCAACAA	AGAAGATACA TCAGGAAAAT AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG AGTCATTATA ATTCACAATTA GTGGATACAG	GAAATGGCCA GCAAATCAAAA TAATCAAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATATG	TAAATTIGGGA ACAAACATGA ACCACAGTIGC ATCAAAAAAAT TACACTIGCTIG TAGAGATTICC CCCACTIGCTIA ACTTACACAT GAACCAGCCC ATATATATATAC	CTATTAAAGA AAAAATAGCA AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT AAATGCCCAT ACCATGGAAT
341351 341401 341451 341501 341551 341601 341651 341701 341751 341801	TIGICITITIGI TICACTAATGA TATTICCTATA GGCGTGGATG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGCAGCACAA CAATCAACAA ACTACTTAGC	AGAAGATACA TCAGGAAAAT AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG AGTCATTATA TTCACAATTA GTGGATACAG CATAAAAAGG	GAAATGGCCA GCAAATCAAAA TAATCAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATATG AAATTGTGGC	TAAATTIGGGA ACAAACATGA ACCACAGTIGC ATCAAAAAAAT TACACTIGCTIG TAGAGATTICC CCCACTIGCTA ACTTACACAT GAACCAGCCC ATATATATACAC TIGGCATTICGC	CTATTAAAGA AAAAATAGCA AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAA AAATGCCCAT ACCATGGAAT AGCAACCTGG
341351 341401 341451 341501 341551 341601 341651 341701 341751 341801	TIGICITITIGI TICACTAATGA TATTICCTATA GGCGTGGATG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGCAGCACAA CAATCAACAA ACTACTTAGC	AGAAGATACA TCAGGAAAAT AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG AGTCATTATA TTCACAATTA GTGGATACAG CATAAAAAGG	GAAATGGCCA GCAAATCAAAA TAATCAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATATG AAATTGTGGC	TAAATTIGGGA ACAAACATGA ACCACAGTIGC ATCAAAAAAAT TACACTIGCTIG TAGAGATTICC CCCACTIGCTA ACTTACACAT GAACCAGCCC ATATATATACAC TIGGCATTICGC	CTATTAAAGA AAAAATAGCA AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAA AAATGCCCAT ACCATGGAAT AGCAACCTGG
341351 341401 341451 341501 341551 341601 341651 341751 341801 341851	TIGICITITIGI TCACTAATGA TATTICCTATA GGCGTGGATG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGCAGCACAA CAATCAACTAGC ATGCAATTTAGC	AGAAGATACA TCAGGAAAAT AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG AGTCATTATA TTCACAATTA GTGGATAAAAGG CATAAAAAGG	GAAATGGCCA GCAAATCAAAA TAATCAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATATGGGC AACGAAATAA TCTAAGTGAA	TAAATTIGGGA ACAAACATGA ACCACAGTIGC ATCAAAAAAAT TACACTIGCTIG TAGAGATTICC CCCACTIGCTA ACTTACACAT GAACCAGCCC ATATATATATAC TIGGCATTICGC	CTATTAAAGA AAAAATAGCA AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT AAATGCCCCAT AAATGCCCCAT ACCATGGAAT ACCATGGAAT AGCAACCTGG AACAGAAACC
341351 341401 341451 341501 341551 341601 341651 341701 341751 341801 341801	TIGICITITIGI TICACTAATGA TATTICCTATA GGCGTGGATG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGCAGCACAA CAATCAACAA ACTACTTAGC ATGGAATTGG	AGAAGATACA TCAGGAAAAT AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG AGTCATTATA TTCACAATTA GTGGATACAG CATAAAAAAG CATAAAAAAG AACCATTAT ATGTTCTTAC	GAAATGGCCA GCAAATCAAAA TAATCAAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATATG AAATTGTGGGC AACGAAATAAA TCTAAGTGAA TCATAAGTGGA	TAAATTIGGGA ACAAACATGA ACCACAGTIGC ATCAAAAAAAT TACACTIGCTIG TAGAGATTICC CCCACTIGCTIA ACTTACACAT GAACCAGCCC ATATATATACAC TIGGCATTICGC GTAACTICAGA GAGCAAAGCT	CTATTAAAGA AAAAATAGCA AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT AAATGCCAT ACCATGGAAT AGCAACCTGG AACAGAAACC ATGAGTATGC
341351 341401 341451 341501 341551 341601 341651 341701 341751 341801 341801 341901 341951	TIGICITITIGI TICACTAATGA TATTICCTATA GGCGTGGATG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGCAGCACAA CAATCAACAA ACTACTTAGGC ATGGAATCTT AAAGGCATAA	AGAAGATACA TCAGGAAAAT AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG AGTCATTATA TTCACAATTA GTGGATACAG CAACCATTAC ATGTTCTTAC GAATGATACA	GAAATGGCCA GCAAATCAAAA TAATCAAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATATG AAATTGTGGC AACGAAATAA TCTAAGTGGC GTGGACTCTG	TAAATTIGGGA ACAAACATGA ACCACAGTIGC ATCAAAAAAAT TACACTIGCTIG TAGAGATTCC CCCACTIGCTA ACTTACACAT GAACCAGCCC ATATATATATAC TIGGCATTCAGA GAGCAAAGCT GGGACTTGGG	CTATTAAAGA AAAAATAGCA AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT AAATGCCAT ACCATGGAAT AGCAACCTGG AACAGAAACC ATGAGTATGC GGAAAGGGTG
341351 341401 341451 341501 341551 341601 341651 341701 341751 341801 341801 341901 341951	TIGICITITIGI TICACTAATGA TATTICCTATA GGCGTGGATG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGCAGCACAA CAATCAACAA ACTACTTAGGC ATGGAATCTT AAAGGCATAA	AGAAGATACA TCAGGAAAAT AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG AGTCATTATA TTCACAATTA GTGGATACAG CAACCATTAC ATGTTCTTAC GAATGATACA	GAAATGGCCA GCAAATCAAAA TAATCAAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATATG AAATTGTGGC AACGAAATAA TCTAAGTGGC GTGGACTCTG	TAAATTIGGGA ACAAACATGA ACCACAGTIGC ATCAAAAAAAT TACACTIGCTIG TAGAGATTCC CCCACTIGCTA ACTTACACAT GAACCAGCCC ATATATATATAC TIGGCATTCAGA GAGCAAAGCT GGGACTTGGG	CTATTAAAGA AAAAATAGCA AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT AAATGCCAT ACCATGGAAT AGCAACCTGG AACAGAAACC ATGAGTATGC GGAAAGGGTG
341351 341401 341451 341501 341551 341601 341651 341751 341801 341851 341901 341951	TIGICITITIGI TICACTAATGA TATTICCTATA GGCGTGGATIG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGCAGCACAA CAATCAACAA ACTACTTAGC ATGGAATTGG CAACATCTA AAGGCATAA TICAGCGGGAGT	AGAAGATACA TCAGGAAAAT AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG AGTCATTATA TTCACAATTA GTGGATACAG CATAAAAAGG CAACCATTAT ATGTTCTTACA GAATGATACA GAAGGGATAAA	GAAATGGCCA GCAAATCAAA TAATCAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATATG AAATTGTGGC AACGAAATAA TCTAAGTGAA TCTAAGTGAA TCATAAGTGAA TCATAAGTGAA TCATAAGTGAA	TAAATTIGGGA ACAAACATGA ACCACAGTIGC ATCAAAAAAT TACACTIGCTIG TAGAGATTCC CCCACTIGCTA ACTTACACAT GAACCAGCCC ATATATATACAC GTAACTCAGA GAGCAAAGCT GGGACTTGGG TTIGGGTACAG	CTATTAAAGA AAAAATAGCA AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT AAATGCCCAT ACCATGGAAT ACCATCGGAAT AGCAACCTGG AACAGAAACC ATGAGTATGC GGAAAGGGTG TGTACACTGC
341351 341401 341451 341501 341551 341601 341651 341751 341801 341851 341901 341951 342001 342051	TIGICITITIGI TICACTAATGA TATTICCTATA GGCGTGGATIG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGCAGCACAA CAATCAACAA ACTACTTAGC ATGGAATTGG CAAACATCTA AAGGGCATTA AAGGGGAATT AAAGGCATAA TIGAGGGGAATT	AGAAGATACA TCAGGAAAAT AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG AGTCATTATA TTCACAATTA GTGGATACAG CATAAAAAGG CAACCATTAT ATGTTCTTAC GAATGATACA GAGGGATAAA AGTGCACCAA	GAAATGGCCA GCAAATCAAAA TAATCAAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATATG AAATTGTGGC AACGAAATAA TCTAAGTGGA TCTAAGTGGA TCATAAGTGGA AGACTACACA AATCTCAGAA	TAAATTIGGGA ACAAACATGA ACCACAGTIGC ATCAAAAAAT TACACTIGCTIG TAGAGATTCC CCCACTIGCTA ACTTACACAT GAACCAGCCC ATATATATACA GTAACTCAGA GGGACTTCAGA GAGCAAAGCT GGGACTTGGG TTIGGGTACAG ATCACCACTA	CTATTAAAGA AAAAATAGCA AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT AAATGCCCAT ACCATGGAAT AGCAACCTGG AACAGAAACC ATGAGTATGC GGAAAGGGTG TGTACACTGC AAGAACTTAT
341351 341401 341451 341501 341551 341601 341651 341751 341801 341851 341901 341951 342001 342051	TIGICITITIGI TICACTAATGA TATTICCTATA GGCGTGGATIG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGCAGCACAA CAATCAACAA ACTACTTAGC ATGGAATTGG CAAACATCTA AAGGGCATTA AAGGGGAATT AAAGGCATAA TIGAGGGGAATT	AGAAGATACA TCAGGAAAAT AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG AGTCATTATA TTCACAATTA GTGGATACAG CATAAAAAGG CAACCATTAT ATGTTCTTAC GAATGATACA GAGGGATAAA AGTGCACCAA	GAAATGGCCA GCAAATCAAAA TAATCAAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATATG AAATTGTGGC AACGAAATAA TCTAAGTGGA TCTAAGTGGA TCATAAGTGGA AGACTACACA AATCTCAGAA	TAAATTIGGGA ACAAACATGA ACCACAGTIGC ATCAAAAAAT TACACTIGCTIG TAGAGATTCC CCCACTIGCTA ACTTACACAT GAACCAGCCC ATATATATACA GTAACTCAGA GGGACTTCAGA GAGCAAAGCT GGGACTTGGG TTIGGGTACAG ATCACCACTA	CTATTAAAGA AAAAATAGCA AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT AAATGCCCAT ACCATGGAAT AGCAACCTGG AACAGAAACC ATGAGTATGC GGAAAGGGTG TGTACACTGC AAGAACTTAT
341351 341401 341451 341551 341551 341601 341651 341751 341801 341851 341901 342001 342001 34201	TIGICITITIGI TICACTAATGA TATTICCTATA GGCGTGGATIG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGCAGCACAA CAATCAACAA ACTACTTAGC ATGGAATTGG CAACATCTT AAAGGCATAA TIGAGGGGAGT TITGGGTIGATG CTATIGTAACC	AGAAGATACA TCAGGAAAAT AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG AGTCATTATA TTCACAATTA GTGGATACAG CATAAAAAGG CAACCATTAT ATGTTCTTAC GAATGATACA GAGGGATAAA AGTGCACCAA AAACACCATG	GAAATGGCCA GCAAATCAAAA TAATCAAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATATG AAATTGTGGC AACGAAATAA TCTAAGTGGA TCTAAGTGGA TCATAAGTGGA ATCTCAGAA TGTTCCCCAA	TAAATTIGGGA ACAAACATGA ACCACAGTIGC ATCAAAAAAAT TACACTIGCTGG TAGAGGATTICC CCCCACTIGCTA ACTTACACAT GAACCAGCCC ATATATATATAC TIGGCATTIGGC GTAACTCAGA GAGCAAAGCT GGGACTTIGGG ATTIGGGTACAG TIGGGTACACTA AAACCTATTIG	CTATTAAAGA AAAAATAGCA AATACACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT AAATGCCCAT ACCATGGAAT ACCATGGAAT AGCAACCTGG AACAGAAACC ATGAGTATGC GGAAAGGTG TGTACACTGC AAGAAACTTAT AAATAAAAAA
341351 341401 341451 341501 341551 341601 341651 341701 341751 341801 341851 342001 342051 342101 342101	TIGICTTTTGT TICACTAATGA TATTICCTATA GGCGTGGATG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGAGGAAATA ACTACTTAGC ATGGAATTGG CAAACATCTT AAAGGCATAA TGAGGGGAGT TTGGGTGATG CTATGTAACC TGAAAATAAT	AGAAGATACA TCAGGAAAAT AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG AGTCATTATA ATTCACAATTA GTGGATACAG CATAAAAAGG CAACCATTAT ATGTTCTTAC GAATGATACA GAGGGATACA AGTGCACCAT AATGACACCATG AATAAAAGGT	GAAATGGCCA GCAAATCAAAA TAATCAAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATATG AAATTGTGGC AACGAAATAA TCTAAGTGAA TCTAAGTGAA TCATAAGTGAA TCATAAGTGAA TCATAAGTGAA TCTACACAA AATCTCAGAA TGTTCCCCAAA CTTTTGTGCA	TAAATTIGGGA ACAAACATGA ACCACAGTGC ATCAAAAAAAT TACACTIGCTG TAGAGATTICC CCCACTIGCTA ACTTIACACAT GAACCAGCCC ATATATATATAC TIGGCATTICGC GTAACTCAGA GAGCAAAGCT GGGACTTIGGG TIGGGTACAG ATCACCACTA ATACCACTATTIG AACTTTAACC	CTATTAAAGA AAAAATAGCA AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT AAATGCCCAT ACCATGGAAT AGCAACCTGG AACAGAAACC ATGAGTATGC GGAAAGGGTG TGTACACTTGC AAGAACTTAT AAATAAAAAA TGCCATGAGG
341351 341401 341451 341501 341551 341601 341651 341701 341751 341801 341851 342001 342051 342101 342101	TIGICTTTTGT TICACTAATGA TATTICCTATA GGCGTGGATG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGAGGAAATA ACTACTTAGC ATGGAATTGG CAAACATCTT AAAGGCATAA TGAGGGGAGT TTGGGTGATG CTATGTAACC TGAAAATAAT	AGAAGATACA TCAGGAAAAT AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG AGTCATTATA ATTCACAATTA GTGGATACAG CATAAAAAGG CAACCATTAT ATGTTCTTAC GAATGATACA GAGGGATACA AGTGCACCAT AATGACACCATG AATAAAAGGT	GAAATGGCCA GCAAATCAAAA TAATCAAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATATG AAATTGTGGC AACGAAATAA TCTAAGTGAA TCTAAGTGAA TCATAAGTGAA TCATAAGTGAA TCTACACAA AATCTCAGAA TGTTCCCCAAA CTTTTGTGCA	TAAATTIGGGA ACAAACATGA ACCACAGTGC ATCAAAAAAAT TACACTIGCTG TAGAGATTICC CCCACTIGCTA ACTTIACACAT GAACCAGCCC ATATATATATAC TIGGCATTICGC GTAACTCAGA GAGCAAAGCT GGGACTTIGGG TIGGGTACAG ATCACCACTA ATACCACTATTIG AACTTTAACC	CTATTAAAGA AAAAATAGCA AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT AAATGCCCAT ACCATGGAAT AGCAACCTGG AACAGAAACC ATGAGTATGC GGAAAGGGTG TGTACACTTGC AAGAACTTAT AAATAAAAAA TGCCATGAGG
341351 341401 341451 341501 341551 341601 341651 341701 341751 341801 341951 342001 342051 342101 342151 342201	TIGICITITIGI TICACTAATGA TATTICCTATA GGCGTGGATIG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGAGGAAATA ACTACTTAGC ATGGAATTGG CAAACATCTT AAAGGCATAA TIGAGGGGAGT TIGAGTGATG CTATGTAACA TGAAAATAAT TACAGCACTT TACAGCACTT TACAGCACTT TACAGCACTT TACAGCACTT TACAGCACTT TACACACACTT TACACCACTT TACACCACTT	AGAAGATACA TCAGGAAAAT AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG AGTCATTATA ATTCACAATTA GTGGATACAG CATAAAAAGG CAACCATTAT ATGTTCTTAC GAATGATACA GAGGGATAAA AGTGCACCAA AAACACCATG AATAAAAAGGT GATTAAAAAGGT GATTAAAAAGGT GATTAAAAAGGT	GAAATGGCCA GCAAATCAAAA TAATCAAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATATG AAATTGTGGC AACGAAATAA TCTAAGTGAA TCTAAGTGAA TCTAAGTGAA TCTAAGTGAA TCTAAGTGAA TCTAAGTGAA TCTAAGTGAA TCTAAGTGAA TCTAAGTGAA TCTTAAGTGAA TCTTAAGTGAA TCTTAAGTGAA TCTTAAGTGGAA TGTTCCCCAAA TGTTCCCCAAA TGTTCCCCAAA	TAAATTIGGGA ACAAACATGA ACCACAGTGC ATCAAAAAAAT TACACTIGCTG TAGAGATTCC CCCACTIGCTA ACTTACACAT GAACCAGCCC ATATATATATAC TIGGCATTICGC GTAACTCAGA GAGCAAAGCT GGGACTTGGG ATCACCACTA AAACCTATTG AACCTATTG AACCTTAAACC TAAAAGTAAGC	CTATTAAAGA AAAAATAGCA AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT AAATGCCCAT ACCATGGAAT AGCAACCTGG AACAGAAACC ATGAGTATGC GGAAAGGGTG TGTACACTGC AAGAACTTAT AAATAAAAAA TGCCATGAGG GTGGATTATA
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341351 341401 341451 341501 341551 341601 341651 341701 341751 341801 341951 342001 342051 342201 342251 342201 342251 342201 342301 342301 342301	TIGICITITIGI TICACTAATGA TATTICCTATA GGCGTGGATG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGAGGAAATA AGAGGAATTAGC ATGGAATTAGC ATGGAATTAGC ATGGAATTAGC CAAACATCTT AAAGGCATAA TGAGGGGAGT TTGGGTGATG CTATGTAACC TGAAAATAAT TACAGCACTT TCCTCTGAGC CACAACCTCT TGAATTATGA GATATTTAGG	AGAAGATACA TCAGGAAAAT AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG AGTCATTATA TTCACAATTA ATGTCATACAG CATAAAAAGG CAACCATTATA ATGTTCTTAC GAATGATACA GAGGGATACAA AAACACCATG AATAAAAGGT GTTGTAAATT CATATTATGT GCACCTGTTT AGGGATCTTT AGGGATCTTT AGGGATCTTT AGGGATCTTT ACTGTAACTT	GAAATGGCCA GCAAATCAAAA TAATCAAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATATG AAATTGTGGC AACGAAATAA TCTAAGTGAA TCTAAGTGAA TCATAAGTGGA TGTTCCCCAA ATCTCAGAA TGTTCCCCAA CTTTTGTGCA GCTAGAATAT AACTTTGAGT AGTTGGCTAAA TGTGGCTAAA	TAAATTIGGGA ACAAACATGA ACCACAGTIGC ATCAAAAAAAT TACACTIGCTIG TAGAGATTICC CCCACTIGCTA ACTTACACAT ACTTACACAT GAACCAGCCC ATATATATATAC TIGGCATTIGGG GTAACTCAGA GAGCAAAGCT GGGACTTIGGG ATCACCACTA AAACCTATTIG AAACTTAACC TAAAAGTAAG ATAAACTCTA ATATAGCCTTA ATCAGCATGT CCTIGTACCAC	CTATTAAAGA AAAAATAGCA AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGGTTTAT AAATGCCCAT ACCATGGAAT ACCATGGAAT AGCAACCTGG AACAGAAACC ATGAGTATGC GGAAAGGGTG TGTACACTGC AAGAACTTAT AAATAAAAAA TGCCATGGATTATA AAGGACAAAAG GTGGATTATA AGGACAAAAG CTGTTTGTAAA GCTAAAAGTA TCCCCTTTTC
341351 341401 341451 341501 341551 341601 341651 341701 341751 341801 341851 342001 342051 342101 342251 342301 342351 342351 342401 342401	TIGICITITIGI TICACTAATGA TATTICCTATA GGCGTGGATIG AMACTAGTAC AMAGTAGAA AGAGGAAATA AGCAGCACAA CAATCAACAA ACTACTTAGC ATGGAATTGG CAAACATCTT AAAGGCATAA TGAGGGGAGT TTGGGTGATIG CTATGTAACC TGAAAATAAT TACAGCACTT TCCTCTGAGC CACAACCTCT TGAATTATGA CATTATTAGA	AGAAGATACA TCAGGAAAAT AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG AGTCATTATA TTCACAATTAG GTGATACAAC CATGATACAAC ATGTTCTTAC GAATGATACA GAGGGATACAA AGTGCACCAA AAACACCATG AATAAAAGGT GTTGTAAATT CATATTATGT AGGGATCTTT AGGGATCTTT AGGGATCTTT ACTGTAACTT CATTTTATGA	GAAATGGCCA GCAAATCAAAA TAATCAAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATATG AAATTGTGGC AACGAAATAA TCTAAGTGAA TCTAAGTGAA TCTAAGTGAA TCTAAGTGAA TGTTCCCCAA ATCTCAGAA TGTTCCCCAA CTTTTGTGCA GCTAGAATAT AACTTTGAAT AACTTTGAAT AATTGGCTAAA CTGAGCTAAAC CTGAGCTAAAA CTGAGCTAAAC CTGAGCTAAAA CTGAGCTAAAA CTGAGCTAAAA CTGAGCTAAAA CTGAGCTAAAA CTGAGCTAAAT TCTACATGCT	TAAATTIGGGA ACAAACATGA ACCACAGTIGC ATCAAAAAAAT TACACTIGCTIG TAGAGATTICC CCCACTIGCTA ACTTACACAT ACATTACACACAT GAACCAGCCC ATATATATACACAT GGGCATTIGGG GTAACTCAGA GAGCAAAGCT GGGACTTIGGG ATCACCACTA AAACCTATTIG AACTTTAACC TAAAAGTAAG ATAAACTCTA ATATAGCTCT ATCAGCATGT CCTGTIACCAC AAGTGAAGAA	CTATTAAAGA AAAAATAGCA AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGGTTTAA AAATGCCCAT AACATGGAAT ACCATGGAAT AGCAACCTGG AACAGAAACC ATGAGTATGC GGAAAGGGTG TGTACACTGC AAGAACTTAT AAATAAAAAA TGCCATGAGG GTGGATTATA AAGCAAAAG CTGTTTTGTAAA TCCCCTTTTC ATTTGGTAAA
341351 341401 341451 341501 341551 341601 341651 341701 341751 341801 341851 342001 342051 342101 342251 342301 342351 342351 342401 342401	TIGICITITIGI TICACTAATGA TATTICCTATA GGCGTGGATIG AMACTAGTAC AMAGTAGAA AGAGGAAATA AGCAGCACAA CAATCAACAA ACTACTTAGC ATGGAATTGG CAAACATCTT AAAGGCATAA TGAGGGGAGT TTGGGTGATIG CTATGTAACC TGAAAATAAT TACAGCACTT TCCTCTGAGC CACAACCTCT TGAATTATGA CATTATTAGA	AGAAGATACA TCAGGAAAAT AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG AGTCATTATA TTCACAATTAG GTGATACAAC CATGATACAAC ATGTTCTTAC GAATGATACA GAGGGATACAA AGTGCACCAA AAACACCATG AATAAAAGGT GTTGTAAATT CATATTATGT AGGGATCTTT AGGGATCTTT AGGGATCTTT ACTGTAACTT CATTTTATGA	GAAATGGCCA GCAAATCAAAA TAATCAAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATATG AAATTGTGGC AACGAAATAA TCTAAGTGAA TCTAAGTGAA TCTAAGTGAA TCTAAGTGAA TGTTCCCCAA ATCTCAGAA TGTTCCCCAA CTTTTGTGCA GCTAGAATAT AACTTTGAAT AACTTTGAAT AATTGGCTAAA CTGAGCTAAAC CTGAGCTAAAA CTGAGCTAAAC CTGAGCTAAAA CTGAGCTAAAA CTGAGCTAAAA CTGAGCTAAAA CTGAGCTAAAA CTGAGCTAAAT TCTACATGCT	TAAATTIGGGA ACAAACATGA ACCACAGTIGC ATCAAAAAAAT TACACTIGCTIG TAGAGATTICC CCCACTIGCTA ACTTACACAT ACATTACACACAT GAACCAGCCC ATATATATACACAT GGGCATTIGGG GTAACTCAGA GAGCAAAGCT GGGACTTIGGG ATCACCACTA AAACCTATTIG AACTTTAACC TAAAAGTAAG ATAAACTCTA ATATAGCTCT ATCAGCATGT CCTGTIACCAC AAGTGAAGAA	CTATTAAAGA AAAAATAGCA AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGGTTTAA AAATGCCCAT AACATGGAAT ACCATGGAAT AGCAACCTGG AACAGAAACC ATGAGTATGC GGAAAGGGTG TGTACACTGC AAGAACTTAT AAATAAAAAA TGCCATGAGG GTGGATTATA AAGCAAAAG CTGTTTTGTAAA TCCCCTTTTC ATTTGGTAAA
341351 341401 341451 341501 341551 341601 341651 341701 341851 341801 341851 342001 342051 342101 342251 342301 342351 342451 342451 342501	TIGICTTTTGT TCACTAATGA TATTCCTATA GGCGTGGATG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGAGCACAA ACTACTTAGC ATGAATTAGC ATGAACTAA TGAGGGGAGT TTGGGTGATG CTATGTAACCA TGAAAATAAT TACAGCACTT TCCTCTGAGC CACAACCTCT TGAATTATGA GATATTTTAGA GATATTTTAGA CCTTCTTCAG AGCCAAGACC	AGAAGATACA TCAGGAAAAT AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTATA TTCACAATTA GTGGATACAA GTGGATACAA AGTGCATCATA ATGTTCTTAC GAATGATACA GAGGGATAAA AGTGCACCAA AAACACCATG AATAAAAAGGT GTTGTAAATT CATATTATGT GCACCTGTTT ACGGATCTTT ACGGATCTTT ACGGATCTTT ACGGATCTTT ACTGTAACTT CATTTTATGA CATCATGGCC	GAAATGGCCA GCAAATCAAAA TAATCAAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATATG AAATTGTGGCA ACGAAATAAA TCTAAGTGGA TCATAAGTGG GTGGACTCTG AGACTACACA AATCTCAGAA TGTTCCCCAA CTTTTGTGCA GCTAGAATAT AACTTTGAT AACTTTGAT AACTTTGAT TCTACATGCT AGACTACACA ATTGAGCTAAA	TAAATTIGGGA ACAAACATGA ACCACAGTIGC ATCAAAAAAAT TACACTIGCTIG TAGAGATTICC CCCACTIGCTA ACTTACACAT GAACCAGCCC ATATATATACAC TIGGCATTIGGC GTAACTCAGA GAGCAAAGCT GGGACTTIGGG ATCACCACTA AAACCTATTIG AACTTTAACC TAAAAGTAAG ATAAACTCTA ATATAGCATCT ATCAGCATGT CCTIGTACCAC AAGTGAAGAA ATATGAGTTT	CTATTAAAGA AAAAATAGCA AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTACC GCATGGTATCA AAATGCCCAT AAATGCCCAT AACAGAACCTGG AACAGAAACC ATGAGTATGC GGAAAGGGTG TGTACACTGC AAGAACTTAT AAATAAAAAA TGCCATGAGG GTGGATTATA AAGACAAAAG CTGTTGTAAA GCTAAAAGTA TCCCCTTTTIC ATTTGGTAAA AGCCAAATCA
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341351 341401 341451 341501 341551 341601 341651 341751 341751 341801 341851 341901 342001 342101 342201 342251 342301 342401 342401 342401 342501 342501	TIGICTTTIGT TCACTAATGA TATTCCTATA GGCGTGGATG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGAGCACAA ACTACTTAGC ATCAACCATCAT AAAGGCATAA TGAGGGGAGT TTGGGTGATG CTATGTAACC TGAAATAAT TACAGCACTT TCCTCTGAGC CACAACCTCT TGAATTATGA GATATTTTAGG CCTTCTTCAG AGCCAAGACC TTTATCATTT	AGAAGATACA TCAGGAAAAT AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG AGTCATTATA TTCACAATTA GTGGATACAG CATAAAAAGG CAACCATTAT ATGTTCTTAC GAATGATACA GAGGGATAAA AGTGCACCAA AAACACCATG AATAAAAAGGT GTTGTAAATT CATATTATGT GCACCTGTTT ACGGATCTTT ACTGTAACTT CATTTTATGA CATCATGGCC GTAGAACTCA	GAAATGGCCA GCAAATCAAAA TAATCAAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATAAGTGA AAATTGTGGCA ACGAAATAA TCTAAGTGGA TCTAAGTGGA ATCTCAGAA TGTTCCCCAA CTTTTGTGCA GCTAGAATAT AACTTTGAAT AACTTTGAAT AACTTTGAAT AACTTTGAAT AACTTTGAAT AACTTTGAAT ACTTACATGCT ACCTAGAACA CTTACATGCT ACCTAGAACA CTTTACATGCT ACCTAGAACA CTTTTCATCTT	TAAATTIGGGA ACAAACATGA ACCACAGTIGC ATCAAAAAAAT TACACTIGCTIG TAGAGATTICC CCCACTIGCTA ACTTACACAT GAACCAGCCC ATATATATATAC TIGGCATTICGC GTAACTCAGA GAGCAAAGCT GGGACTTIGGG ATCACCACTA AAACCTATTIG AACTTTAACC TAAAAGTAAG ATATAGCTCTA ATTAGCATCTA ATTAGCATCTTA ATTAGCATCTTAGCACAC AGTIGAAGAAAAAATTAGGGGTTT GTAAATAAGGGGTTTAGTAGTAGTAGTAGTAGTAGTAGTA	CTATTAAAGA AAAAATAGCA AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT AAATGCCCAT AAATGCCCAT AACATGCCCAT AACAGAACCTGG AACAGAAACC ATGAGTATGC GGAAAGGGTG TGTACACTGC AAGAACTTAT AAATAAAAAA TGCCATGAGG GTGGATTATA AAGACAAAAG CTGTTGTAAA GCTAAAAGTA TCCCCTTTTC ATTTGGTAAA AGCCAAATCA GATAGGAAGA
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341351 341401 341451 341501 341551 341601 341651 341701 341751 341801 341851 342001 342051 342101 342151 342201 342351 342401 342451 342501 342501 342501 342501 342501 342501	TIGICITITIGE TICACTAATGA TATTICCTATA GGCGTGGATG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGAGGAAATA ACAGCACAA ACTACTTAGC ATGGATTGG CAAACATCTT AAAGGCATAA TIGAGTGATG CTATGTAACC TICAGCACTT TICCTCTGAGC CACAACCTCT TIGATTATGA GATATTTAGG CCTTCTTCAG AGCCAAGACC TITATCATTT TIGGTCTTTTATCATTA	AGAAGATACA TCAGGAAAAT AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG AGTCATTATA GTGGATACAG CATAAAAAGG CATAAAAAGG CAACCATTAT ATGTTCTTAC GAATGATACA GAGGGATACA AAACACATG AATAAAAGGT CATATTATGT GCACCTGTTT ACTGTAACTT ACTGTAACTT CATTTTATGA CATCATGGCC GTAGAACTTCA ATAATCCTTAT ATGAACTTCATATTATGT ACTGTAACTT ACTGTAACT ACTGTAACTT ACTGTAACT ACTGT	GAAATGGCCA GCAAATCAAAA TAATCAAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATATG AAATTGTGGC AACGAAATAA TCTAAGTGAA TCTAAGTGAA TCTAAGTGAA TCTACAGAA TCTTCAGAA TGTTCCCCAA ATCTCCGAA TGTTCCCCAA TGTTCCCCAA TTTGAGTTGAAT AACTTTGAAT AACTTTGAAT AACTTTGAAT AACTTTGAAT ACTTAGATCAT CAGAGCAAAAA TTGAGCTAGAACA CTTTCACTGCT ACCTAGAACA CTTTCACTGCT CAAGTGTTAA	TAAATTIGGGA ACAAACATGA ACCACAGTIGC ATCAAAAAAAT TACACTIGCTG TAGAGATTICC CCCACTIGCTA ACTTIACACAT GAACCAGCCC ATATATATATAC TIGGCATTICGG GTAACTCAGA GAGCAAAGCT GGGACTTIGGG ATCACCACTA AAACCTATTIG AACCTATTIG AACCTATTIG AACCTATTIG AACTTTAACC TAAAAGTAAG ATTACCACTA ATATGGCTCT ATCAGCATGT CCTGTTACCAC AAGTGAAGAA ATATGAGTTT GTAATAAGGA AATCTGTGT ATCCCTTAGG AACCTTTAGG AACTCTTGTGT ATCCCCTTAGG	CTATTAAAGA AAAAATAGCA AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT AAATGCCCAT ACCATGGAAT AGCAACCTGG AACAGCAACC ATGAGTATGC GGAAAGGGTG TGTACACTGC AAGAACTTAT AAATAAAAAA TGCCATGAGG GTGGATTATA AGGACAAAAG CTGTTGTAAA GCTAAAAGTA TCCCCTTTTC ATTTGGTAAA AGCCAAATCA GGTAGGAACC GGTTATATAAC GGTTAGGAACC GGTTAGGAACC GGTTAGGAACC GGTTAGGAACC GATTGGACCT
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341351 341401 341451 341501 341551 341601 341651 341701 341751 341801 341901 342001 34201 342101 342251 342201 342251 342301 34251 342501 34251 342601 342751 342701 342751 342701	TIGICITTTGT TCACTAATGA TATTICCTATA GGCGTGGATG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGAGGAAATA AGAGGAAATA ACTACTTAGC ATGGATTGG CAAACATCTT AAAGGCACAA TGAGGGGAGT TTGGGTGATG CTATGTAACC TGAAATAAT TACAGCACTT TCCTCTGAGC CACAACCTCT TGAATTATGA GATATTTAGG CCTTCTTCAG AGCCAAGACC TTTATCATTT TGGTCTTTTT CTGTCATAAA CCAGGGATAT TGGGGTCTTTT CTGTCATAAA CCAGGGATAT TGGGATCTTG AAAAGATATT	AGAAGATACA TCAGGAAAAT AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG AGTCATTATA TTCACAATTA ATGCACATTATA ATGTTCTTAC GAATGATACA GAGGGATAAA AGTGCACCAA AAACACCATG AATAAAAAGGT GTTGTAAATT CATATTATGT GCACCTGTTT ACGGATCTTT ACGGATCTTT ACTGTAACTT CATTTTATGA CATCATGGCC GTAGAACTCA ATAATCCTTT TTAAATTAAT GTAGTATGGT GGATCTTTAAATTAAT GTAGTATGGT GGATCTTTAAATTAAT GTAGTATGGT AATTATGGT AATTATGGT AATTATGGCA	GAAATGGCCA GCAAATCAAAA TAATCAAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT TGAAAAAGAT TCAAGAAATATG AAATTGTGGC AAGCAAATAAA TCTAAGTGAA TCTAAGTGAA TCTAAGTGAA TCTACACA AATCTCAGAA TGTTCCCCAA CTTTTGTGCA GCTAGAATAT AACTTTGAAT AACTGAACAA TTGAATAAGGA TATGCTTCTC CAAGAGAATAT CCAAGAGAAT	TAAATTIGGGA ACAAACATGA ACCACAGTIGC ATCAAAAAAAT TACACTIGCTG TAGAGATTCC CCCACTIGCTA ACTTACACAT GAACCAGCCC ATATATATATAC TIGGCATTIGGC GTAACTCAGA GAGCAAAGCT GGGACTTGGG ATCACCACTA AAACCTATTG AACTTAACC TAAAAGTAAG ATATGGCTCT ATCAGCATGT CCTIGTACCAC AAGTGAAGAA ATATGAGTTT GTAATAAGGG AATCTGTGT ATCCCTTAGG TTACAGTCTTG AAATCTGTTCTC AATTGAGTTT GTAATAAGGG AAATCTGTGT ATCCCTTAGG TTACAGTCTTG AAATTTTTC GGGGACCTTA	CTATTAAAGA AAAAATAGCA AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT AAATGCCCAT ACCATGGAAT AGCAACCTGG AACAGAAACC ATGAGTATGC GGAAAGGGTG TGTACACTGC AAGAACTTAT AAATAAAAAA TGCCATGAGG GTGGATTATA AAGACAAAGG CTGTTGTAAA GCTAAAAGTA TCCCCTTTTC ATTTGGTAAA AGCCAAATCA GATAGGAAGC GTTATATAC GATTGGGCC TCCAGAAAGC TTCCAGAAAGC TTCCAGAAAGC TTCCAGAAAGC ATGACTCTG
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341351 341401 341451 341501 341551 341651 341651 341701 341751 341801 341951 342001 34201 342151 342201 342251 342251 342301 342451 34251 34251 34251 342601 342751 342751 342751 342751	TIGICITITGI TICACTAATGA TATTICCTATA GGCGTGGATG AAACTAGTACA AAAGTAGAA AGAGGAAATA AGAGGAAATA AGAGGACAAA ACTACTTAGC ATGGATTGG CAAACATCTT AAAGGCATAA TIGAGGGGAGT TTIGGTGATG CTATGTAACC TIGAAATTATGA GATATTTAGG CATACTTTAGC CACACCTCT TIGAATTATGA GATATTTAGG CCTTCTTCAG AGCCAAGCC TTTATCATTT TIGGTCTTTTT CTGTCATAAA CCAGGGATAT TIGGGTCTTTTT CTGTCATAAA CCAGGGATAT TIGGGTCTTTTT CTGTCATAAA CCAGGGATAT TIGGGATCTTIG AAAAGATCTT AAAAGATCTT AAAAGATCTT AAAAGATCTT AAAAGATCTT AAAAGATCTTAAAA CCAGGGATCTTT AAAAGATCTTT AAAAGATCTTTT AAAAGATCTTTT AAAAGATCTTTT AAAAGATCTTTTT AAAAGATCTTTTTT AAAAGATCTTTTTT AAAAGATCTTTTTT AAAAGATCTTTTTTT AAAAGATCTTTTTTTTTT	AGAAGATACA TCAGGAAAAT AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG AGTCATTATA TTCACAATTA ATGCACATTATA ATGTTCTTAC GAATGATACA GAGGGATAAAA AGTGCACCAA AAACACCATG AATAAAAGGT GCACCTGTTT ACTGTAAATT CATATTATATT	GAAATGGCCA GCAAATCAAAA TAATCAAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT TGAAAAAGAT TCAAGTGGA AATTGTGGC AAGCAAATAAA TCTAAGTGGA TCATAAGTGA ATCTCAGAA TGTTCCCCAA CTTTTGTGCA GCTAGAATAAT AACTTTGAAT AACTTTGAT TCTACATGCT ACCTAGAACAA CTTTCATCTT CAAGTGTTAA TGTATAAGGA TATGCTTCTC CCAGAAGAAT TTTTAATAAAA	TAAATTIGGGA ACAAACATGA ACCACAGTIGC ATCAAAAAAAT TACACTIGCTG TAGAGATTCC CCCACTIGCTA ACTTACACAT GAACCAGCCC ATATATATATAC TIGGCATTIGGC GTAACTCAGA GAGCAAAGCT GGGACTTGGG ATTACACAT AACTTACACAT AACTTACACAT AACTTACACAT ATATGGCTCT ATCAGCATGT CCTIGTACCAC AGTIGAAGAA ATATGAGTTT GTAATAAGGG AAATTTTTC GGGGACCTTAGG TTACAGTCTG AAATTTTTC GGGGACCTTAG TTACAGTCTG TTACAGTC TTACAG	CTATTAAAGA AAAAATAGCA AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT AAATGCCCAT ACCATGGAAT AGCACCTGG AACAGAAACC ATGAGTATGC GGAAAGGGTG TGTACACTGC AAGAACTTAT AAATAAAAAA TGCCATGAGG GTGGATTATA AAGACAAAGG CTGTTGTAAA GCTAAAAGTA TCCCCTTTTC ATTTGGTAAA AGCCAAATCA GATAGGAAGA GGTTATATAC GATAGGAAGA CTTCTGTGGACCT TCCAGAAAGC TTCTGTGGGCC TTCTGTGGGCC TTCTGTGGGCC TTCTGTGGGCC TTCTGTGGGCC TTCTGTGGGCC CAATGACTCTG CAAACTTTAA
341351 341401 341451 341501 341551 341601 341651 341701 341851 341801 341951 342001 342151 342201 342251 342201 342251 342301 34251 342501 34251 342601 342751 342801 342751 342801 342751	TIGICITITIGI TICACTAATGA TATTICCTATA GGCGTGGATIG AAACTAGTACA AAGGGAAATA AGGGGAAATA AGCAGCACAA CAATCAACAA ACTACTTAGC ATGGAATTCG CAAACATCTT AAAGGCATAA TIGAGGGGAGT TIGGGTIGATIG CTATGTAACC TIGAAATAAT TACAGCACTT TIGAAATTATGA GATATTTAGG CCTTCTTCAG AGCCAAGCCT TIGATTATCATTT TIGGTCATTAAA CCAGGGATAT TIGGGATCTTT CTGTCATAAA CCAGGGATAT TIGGGATCTTT ACAGGATTTT CTGTCATAAA CCAGGGATAT TIGGGATCTTT ACAGTCTTTCAG AAAAGATATT ACAGTGCACC CAGTTTTTCCA	AGAAGATACA TCAGGAAAAT AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG AGTCATTATA TTCACAATTA ATGTCATTATA ATGTTCTTAC GAATGATACA GAGGGATAAAA AGTGCACCAA AAACACCATG AATAAAAGGT GTAGTAAATT CATATTATATT	GAAATGGCCA GCAAATCAAAA TAATCAAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT TGAAAAAGAT TCAAGTGGA ATCTAAGTGGA TCATAAGTGGA TCATAAGTGGA ATCTCAGAA TCTTAGATAT AGTGGCTAAA CCTTTTGGTGCA GCTAGAATAT AACTTTGAT AGTGGCTAAA CTGAGCTACACA TTTACATGCT ACCTAGAACA CTTTTCATCTT CAAGTGTTAA TGTATAAGGA TTTTACATGCT CAAGTGTTAA TGTATAAGGA TATGCTTCTC CAATGCCTCTC CAAGAGAAT TTTTAATAAAAA AAGAAAATTT	TAAATTIGGGA ACAAACATGA ACCACAGTIGC ATCAAAAAAAT TACACTIGCTG TAGAGATTCC CCCACTIGCTA ACTTACACAT GAACCAGCCC ATATATATATAC TIGGCATTIGGG GTAACTCAGA GAGCAAAGCT GGGACTTGGG ATCACCACTA AAACCTATTG AAACTTAAAC TAAAAGTCTA ATATGGCTCT ATCAGCATGT CCTIGTACCAC AAGTGAAGAA ATATGAGTTT GTAATAAGGG TACAGTCTG AAATTTTCC GGGGACCTTAGG TTACAGTCTG TTACAGTCTG TTACAGTCTG TACAGTCTG TACAGTCTCAC TACAGTCTG TACAGTCTCAC TA	CTATTAAAGA AAAAATAGCA AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGGTTTAT AAATGCCCAT ACCATGGAAT AGCACCTGG AACAGAACC ATGAGTATGC GGAAAGGGTG TGTACACTGC AAGAACTTAT AAATAAAAAA TGCCATGAGG GTGGATTATA AAGACAAAAGG CTGTTGTAAA GCTAAAAGTA TCCCCTTTTC ATTTGGTAAA AGCCAAATCA GATAGGAAGA GGTTATATAC GATTGGACCT TCCAGAAAGC TTCTGTGGCC AATGACTCTAA GAGAGTTGAA
341351 341401 341451 341501 341551 341601 341651 341701 341851 341801 341951 342001 342151 342201 342251 342201 342251 342301 34251 342501 34251 342601 342751 342801 342751 342801 342751	TIGICITITIGI TICACTAATGA TATTICCTATA GGCGTGGATIG AAACTAGTACA AAGGGAAATA AGGGGAAATA AGCAGCACAA CAATCAACAA ACTACTTAGC ATGGAATTCG CAAACATCTT AAAGGCATAA TIGAGGGGAGT TIGGGTIGATIG CTATGTAACC TIGAAATAAT TACAGCACTT TIGAAATTATGA GATATTTAGG CCTTCTTCAG AGCCAAGCCT TIGATTATCATTT TIGGTCATTAAA CCAGGGATAT TIGGGATCTTT CTGTCATAAA CCAGGGATAT TIGGGATCTTT ACAGGATTTT CTGTCATAAA CCAGGGATAT TIGGGATCTTT ACAGTCTTTCAG AAAAGATATT ACAGTGCACC CAGTTTTTCCA	AGAAGATACA TCAGGAAAAT AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG AGTCATTATA TTCACAATTA ATGTCATTATA ATGTTCTTAC GAATGATACA GAGGGATAAAA AGTGCACCAA AAACACCATG AATAAAAGGT GTAGTAAATT CATATTATATT	GAAATGGCCA GCAAATCAAAA TAATCAAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT TGAAAAAGAT TCAAGTGGA ATCTAAGTGGA TCATAAGTGGA TCATAAGTGGA ATCTCAGAA TCTTAGATAT AGTGGCTAAA CCTTTTGGTGCA GCTAGAATAT AACTTTGAT AGTGGCTAAA CTGAGCTACACA TTTACATGCT ACCTAGAACA CTTTTCATCTT CAAGTGTTAA TGTATAAGGA TTTTACATGCT CAAGTGTTAA TGTATAAGGA TATGCTTCTC CAATGCCTCTC CAAGAGAAT TTTTAATAAAAA AAGAAAATTT	TAAATTIGGGA ACAAACATGA ACCACAGTIGC ATCAAAAAAAT TACACTIGCTG TAGAGATTCC CCCACTIGCTA ACTTACACAT GAACCAGCCC ATATATATATAC TIGGCATTIGGG GTAACTCAGA GAGCAAAGCT GGGACTTGGG ATCACCACTA AAACCTATTG AAACTTAAAC TAAAAGTCTA ATATGGCTCT ATCAGCATGT CCTIGTACCAC AAGTGAAGAA ATATGAGTTT GTAATAAGGG TACAGTCTG AAATTTTCC GGGGACCTTAGG TTACAGTCTG TTACAGTCTG TTACAGTCTG TACAGTCTG TACAGTCTCAC TACAGTCTG TACAGTCTCAC TA	CTATTAAAGA AAAAATAGCA AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT AAATGCCCAT ACCATGGAAT AGCACCTGG AACAGAAACC ATGAGTATGC GGAAAGGGTG TGTACACTGC AAGAACTTAT AAATAAAAAA TGCCATGAGG GTGGATTATA AAGACAAAGG CTGTTGTAAA GCTAAAAGTA TCCCCTTTTC ATTTGGTAAA AGCCAAATCA GATAGGAAGA GGTTATATAC GATAGGAAGA CTTCTGTGGACCT TCCAGAAAGC TTCTGTGGGCC TTCTGTGGGCC TTCTGTGGGCC TTCTGTGGGCC TTCTGTGGGCC TTCTGTGGGCC CAATGACTCTG CAAACTTTAA

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343001 TTCCTTAAGA ACAGCTAATC AAGTTCACTA TCTATGATTT TGGGGATACT 343051 TGGATAAAAA GCGTTATAGA ATGGAAATAT ACAGCAGCCG ACTTTTTCCT 343101 TAAACTCTTT GTTGGGAAAA TAAATGAAGG TTGCAAAATT ATAATATTGT 343151 TCATTITAAC TTAACAATTT TTAAAACTTC AATGTATGGA GATACAATGT 343201 ACTTACAGTG TATGGAGATT CTCTGTATTT CCAAACTTCA CCTTCTGCTT 343251 AAATTGGCAA CAAAAGTACA TTCAGCTTAC CTGAAGGCTA TTTTAGATAG 343301 GATGTTTACA CCAAAGCTAA TCATACTCCA GAACACCTTG TGCTGCCATA 343351 CCTGTATTGC TAACTCTATG CCAGGTATTT AAAAGTGCTG TGAGTTTACA 343401 AGAAGTATTA GTCAGAAAGG AAATGGATAT GAATGAGAGG CTGGTTAGCA 343451 ACAAACTTAA TAGAACTTTT TACACCCAAA CATGGAAGCC TTTTTATAGG 343501 GAAGAAGTAT ATCCAGTGAA CAAGTTAGTC AGGACCTACC AGATAATCTA 343551 GTCCCCAAGG CTGATATCCA GAGTAAATCT GTATCTGTGG AGAATTACTC 343601 AAGCCAATGA TAATGCCGAT TTGAGCATTT TAACATTCCA CCTTATTTCT 343651 CTTCTTCCAA ATTCTCAGTC TCTCTATTTC CTCATTCTTT TTCTCCAATA 343701 TTTTATATAA ACCATTTAAT CTGTGCTTCC TCATCTTCAG AAGAGTGATA 343751 AAATGGAGGT GGGGGTTAGG TTCTGTTAAC CTGAGAGGAG CTTATGATGT 343801. TAAAAAAGAG ATGTGCAAAG CATGCTGTTA ACTCTGTAGC ATAGATTCTG 343851 ATAGTGACAG TTATTTTTGT TTGGTTATTT GAAGTGATGG AAGGCTGATT 343901 TCTAATAACA ACCTAATCTG TATATGAAAA GATACACATG TAAAAGCTGT 343951 TTCTCCTTTT AGGAACTCTT TTTACTATAT GAAATTGAAT TATGGTTAAG 344001 TACCCTGGGT TATGGAATGA GAAAGCTGTG AACCCAAATG CCAAGTCTTC 344051 CATTICCTAG CTATGTGACC TTTTTATTCA TATGTAAATA AGGATAAGAG 344101 AGGTCCTTAA CTTCACAGTT GTCCAGATTA GATGACATAA TTTATATAAG 344151 GTGCTTATCC TAGTAAGCAT ATAACAAGTG CTCAGTAAAT AAATTTTGTT 344201. ATAATCAGCA AATTTAATTT GATATCTAGT TTAAAAAATC TACAATTTGC 344251 CTAATTITTT CACATTGIGT TGCCATAGAT TITATGAATA CTCATAATAA
344301 ATGTTTCATG TATATGICTT GTTTTTAGTT TTAATGGIGT GTTCTTTAAA
344351 CTATATTTCA TAGTTTACAT GCAGCATTTA TTTCATCIGA TTTATATTTA 344401 TAAACATCTG TAATCCTATT TITATTTTTT CCTTGTTAAA GATGTATACT 344451 ATTITITACT TITICAAATGT GTAAAGCTAA TGTTTTACAC TITICAAATGT 344501 GTAAAGCTAA TGTTTTTTTA TAAACTCCCT GTGTAATATC CCTATTTCGG 344551 CATATTCTTT AGTTAATTGC TACTTTCTCA CCTATAGCTT ATTCCTAACT 344601 TTTTTTACAT GTCTTGTTAA TTAAAAAGAA AAAAATAGTA ACCCAACTTT 344651 AGAAAGTTGA GGGTTTCTGT GTCCACTAGA ATAATTGTTT AGGAAATAAG 344701 CATACCTCAT TATTITIGCTC TTTCTTTGAA GTTAGGATTG GACCCCAGTG 344751 TITAGGTAAT AAGGCTGAGA AGTCTAATGC TGAGGACAGT AGCACCACAT 344801 ATCTGTTATT CAGTGTATGA AAGACACAAT TGACATGTTC TCGTTCTTCA 344851 TCCCCAAATG ACCATAATTC TGAGAAGAGT TCTGAAAGAA GTCATTCTAT 344901 TAGAATGTTA TTAAACTTTA TAAAATGGTT GTTCAGAGCT GCAATGCAGT 344951 GGTTACCTTG TTCTTAAGGA AACCCTCCAC TAGTTTTTGG AAACTGAAGA 345001 ACAGAATTTA ACCATGCCTT AGACTGACTA GAAAGAAAAG TAGAAAGAAT 345051 TTAGATTCAT AGGGTTTTCT CTTTTTATTT TATTTGTGTT TCAAATTTCC 345101 AAAGATTATT TCTGATGTTC TTTAATAATA GCTCACTCCC TATTTACTAT 345151 TAAATTICTIGG AAAATIGGGTT TTGCTTTTAT ATTTATAGCA AAGTTTCCCT 345201 GTTTAGGAGC AAAAGAACTT TAGGTATAGT AAACATIGCTA CTTTACCATT 345251 GTGGAAGTTC CACATCATAA ATTAGATATT TTCCCTTTTC CTTCAAAATG 345301 AAGTCACACT ACTTTTGGCA CTTGGACAGG ACAATCTTTC AGTGACAGCA 345351 AAATTAGCCT TTTGGCATAT TTTTATTCAC TTTGAAAGAA TCCTTAAGGA 345401 GCGGTTTTAT GATTGAAAGC AAGAATTGTA TTTACTTTGC CTAGGGTAAA 345451 TTTCTTGCCT GAATATGTAA AAGAACGTAA GTCAAACACT GTTAGATAAA 345501 AACAAATTAG TATCAAAAGA TTTCATTATA ATAACTTGTC TATATTTTAT 345551 GACATAAAAT AGTATATAAC TAAGTTCTGT ATTATTTTGA ACTTTTATTT 345601 CTGCTACTAC AGTAGTGATA CATCTTGAGG AACTCCAAGG GGCCTAAACA 345651 TAAGTTTACA CAGGTATTTG AAGAATCAGT TGACTCACTA TCTGAACTGA 345701 GTATGTCTGT AAAGCTATGT TTAAATATAT CCCTATATTT AAACTGATCA 345751 TGGCTTATAA GCTAATCACC CATGAAGAGT GTATGTTGTC TTTCTTAATG 345801 CCAGTATGTT AGACAATCAA TATATAATTT ATGTTTATAT TAATAGACAC 345851 ACACAGTTTC CAATTGGTAT TTCGATGCCT CTTTCCTAAA TATGAATTGA 345901 AAACTAAGGA CCACTAATAT TTGAAAAAAG CTAAAAATAG ACAGTCTAAA 345951 ACAAGCACAG GGAGGATAGA CATAATTAGG GAGCAGATGA AAAGAGAGAC 346001 AAGAATAATA TGGCCACAAA ACAAGCACCA GAAGCTCTAA AATAGAAGGC 346051 TCAATTIGTTIC CTTAATTIGAA AATGTAAAAC ATTCAGGTAG AAATAAAAAA 346101 TAAATGGAAG AATTGGATGA TCAAGTTGCA AGTCTCCCAG AAAGTCAAAC 346151 AAAAAGACAA AGAGATGAGA ATTGTAGACA TGGTAACATC TGACTAATAG 346201 AGGTCTCAGA AGGAACAAAG AAATCAGAAG AGAGAAAACT ATCAAGACTT 346251 CTTTCCAAGA TTTGAACATT AAATTTCTAG ATTGAAAGCC TCTACCAAGT 346301 GTCTGGCCTC AAACCATCAC ATTCAAAGGA CTAAAAATTT GGAGTGCCAC 346351 AAATTTATCA ACAGCAGAAG CTGTACGACA GGAGAGCTAT TCTTGAAATT 346401 TCTGAGGGGA AATTATTTCC AACCTAGAGT TCTATATCTA GCCAAACCAT 346451 GAAATCATAT GTGAAGATGG AATAAATTCA TTTTAGACAT GCAAGACCTA

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2 4 6 5 6 4		ATTENTE	ATCTC-1-1-1	ACCAACTTAC	TACTAAATCT
346501	AAACAIGIII	ATCTTCATGC AAAAACAAGG	AAAAAACATG	CCATTCCACCA	ACCACCATOCT
346501	TCACCACATG	AGAATAGTGA	AGAGAATTCC	CAGAGCAATA	AAGAGAAATC
346651	CTGGAAAAGA	TATTTTTAAG	CTTTTCTATA	AATCTGGCAA	GGAAATTCAT
346701	TCTTATCAAG	TIGICACIAT	TTGACTCTAT	TTTTCAATTG	AGAATAAATA
346751	ATAAGAAAGA	CTAGTAGGTG	<b>AAAATTGAAT</b>	CAGCCACACT	GGGAATTATA
346801	AAAGCAAAGT	<b>ATTGTCTGAA</b>	GAAACCATCA	TATATTCTTT	TCACCTCTTT
346851	ATTCCAATCC	AGAACTGTTT	CTCCATGAAA	GCTTTATTTT	AGAATTCAGT
346901	GITACIGIT	TCTATAATTT	TTAAAACTTC	AAATGIGTAG	TTCCTGAAAT
346951	ACTITIAATAG	CAGAATCTTT	CCCICCAIC	AMIAMGUL	GIAIGIGGA
34/001	AGCCIATIAI	ATTGGATCTA CCGGGCATGC	TECATECTET	CACCCACCTT	CEAGATTCCA
347101	CAGAGCAGTT	TAAAAACTGT	TACTIGTAGCA	AAAACACTGC	TGAACACATG
		TATTICTCAG			
347201	GAACTCACAG	AAACAAAACA	TTCTTGTGAC	<b>ATGGCTTGCA</b>	TAGTGGGTTG
347251	TATACCTGTG	TATCTGTGAA	ATGAACACTA	AAAGTCCATC	TTGACAAGTT
347301	TGCACCTATC	TGAATATATT	AGTTTCCTTT	TAAATGAAAA	GTCATTGCCT
347351	TGGTTTCAAA	TAAAAATTGG	AACCTCTAGT	TTTTACATTC	CTGACATTTT
34/401	CACACAAACA	ATTAGTAACT TGAAGCACCA	AAATACCACT	CTACTTICCE	TOCCOCON
347431	TECATTTEAA	CTGCTCCTTG	TAATACATCC	TICTICCC	TTAATGCAGT
347551	CHICHIT	TCCGATGTCA	CCTTTGTAAA	AGAAGCTGTT	CAAAGATGTA
347601	TAGITIGIT	TGTTTGTTG	<b>AGATGGAGTC</b>	TOSCICIGIC	GCCAAGCTGG
347651	<b>AGTGCAGTGG</b>	CACCATCTCG	<b>GCTCACTGCA</b>	<b>ACCTICTGCCT</b>	CCCGGGTTCA
		CTGCCTCAGC			
347751	CCACCACGCC	CGGCTAATTA	TTIGTATTTT	AGTAGAGATG	TGGTTTCACC
347801	ATGTTGGCCA	GGGTGGTCTC	GATCIGCIGA	CACCCACCAC	ACCCACCCAC
		AGTTCTGAGA TTAAATAACT			
		AGGGCTAAAG			
		TATGTAGTTG			
348051	TGAATCTTCC	TGTGCACCAT	GAAAATGTAA	<b>AAGATAAAAT</b>	agtagagcat
348101	GACAATAACT	<b>ATTTAGTCTG</b>	AAAAATGATT	TATCATTGGT	<b>GGATATTTAA</b>
348151	AAAATGCCAA	CTCTGTGGCC	TTTACTACAT	GTATACCTTC	TGTGGGGAAG
348201	GGTACTCCCT	AACTGAACAT	TTIGIGAATT	GATTAATGTT	TAATATIGAT
348251	TIGCAAGGCI	TAGAAATGTA AGGAATTTAG	CTCCATCTTC	CTTTCCCATT	TACTTATTCT
3403U1	TITTAGGTTC	TTCACCGAAA	TAATGCAAAA	AACATAGCTC	ATGGAATTAA
348401	AGAGGAATAC	TTAAGCAGGA	AAAAAAATAA	AGATTTTAAA	AAGAAAGAGG
					TATAATTTTA
					ATTATTTGAC
					TCATAGCTGG
					GTACATACAG
					GACGATGAAA TATCCCTCAG
					CAAAGCCATG
					CCATTGTAGA
348851	CAACTGCAGA	ACAATGCTGG	<b>AGACTGAATA</b>	TAGCAAGAAC	AATGCTAGAG
					CAAGTTCAAG
					ATGTACAATA
349001	TCATGAACAT	ATAMACTICC	CCCTTCATGC	TCATTIGGG	TTTACCAAAG
					GGAATGGCTT
349101	GAGGAIGIIC	TCAATCTGTT	GGGTTTTT	GILIGIT	TAATTAGATG
					TTCTGCCAGC
349251	AGGGTGATAG	CTGCCAGCAG	TGCACAGCTT	TGGTGTGAGG	TAGTAGGGAT
349301	TCCATGTGGA	TATTGTCCCT	AGACTAAGGG	AAAGCCCCAT	TGCTGTGGCT
349351	TGTTCGGTGA	TTCTGCCTGC	CAGCCCCATT	TTATGTAGCT	TATCATGCAT
349401	GGTTCATGGC	TTGTAGGATG	TTTATTCCTC	TGGGTTAAGT	TTTCCTCTTG
349451	COCCUTA	GITICIAGCT	CACCITCATIC	AACTICTICATIC	CACATACATT
					ACTGGAAAGC
349601	TACCCTREATE	CTACACTTAA	AATTTTCCCC	TGAGTATTAT	TCCTAATATG
349651	ппппппппппппппппппппппппппппппппппппппп	CATGCCCCAA	AATGATGTTT	ATAATTCACA	TTTTCTCACT
349701	GGCACATGAG	TAAGATTTAC	TTACGCTGGT	TTTGAAAGGT	TTAGAATAAT
349751	CAGTATTTCA	CITGCTAAGA	CTTGAAACAT	TAACAATAAT	ACACTGTAAT
349801	ACACAGTGAA	ATTCTTTGAG	GAAAAGACAC	CAATGATCTT	TCCTATTAAC
349851 340001	TATAAATGC	TTCCACTGAT	ACCACACTAC	ACTICACAAAT	TTCATCACTC ACTGTTGTGC
370021 34330T	ANICCIGAIG	TAGAAAATGT	TTRCTTTC	ATTITICAAA	GACAGTTGTT
Lect	11010-0100	174777131			

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350001	GACAGATAAT	CCATTCTCTT	TGTGTATGTA	TGTATGTAAT	GAAAAATAGCC
350051	ACCGTGAGCT	CAGTAAACCC	CTCCTTACTA	<b>AATGTACACA</b>	AAAGTCCATT
350101	TICAGGIGIT	<b>TGITATTIGI</b>	GAAACTTGGT	TATGTACAAT	ATCATGAACA
		CCCCTTCATG			
220121	TAIMMACTIC	ACCATTACCT	CCTATATCCC	TOTACAAATT	CCTTTCCCAT
32050T	TIGAGACICC	AGCATTAGGT	GCIAIAIGGC	IGIACAAATI	GGTTTGGGAT
350251	TGCTTTGCTT	<b>ACAGTCATCT</b>	CACCTCAGAA	CCCCACTTAG	CAGTITICTAT
350301	GATTCTCAGG	GAAAGTGCTT	CAGCAGAAGT	AGACCTTTAG	GAATTAGAGA
350351	CAAGITACAA	CCAAAGGAGG	GACATTCACC	TGCAGAAGCT	TATAAAAGCA
350401	CATCAGATAC	<b>AGGCATCGTA</b>	CCCTACTCAG	ATTGACATCT	ACTTGCAGAT
		AGTGACTTCA			
		CAAAAACTAG			
350551	TGAGATTTAT	<b>TGTGGATATC</b>	TCCTTTCAAG	AATTTTGAAT	GAAAAAGAGA
350601	GGAGAGAGAT	<b>TAGATTGGTA</b>	ACTAGAGAGA	<b>TAGTGGTGGG</b>	GGCAGGGTAT
		TGGAAGAGAC			
		AGAATAGAGT			
		GAAGGAAGAT			
350801	AAGGTTTTTGC	CTTCAGCTGA	AGGAGACTTT	ATTCTCTTAT	ATTATTCAGA
350851	AAGAAGTAAG	<b>AATGATTGTA</b>	<b>AATATAGACA</b>	ATTTCTTAGG	TAGAGGGCTA
350901	GAAAGGTGAA	<b>AAGGGTGGTT</b>	AAACTCAGTC	ATCCCTGATC	CTCAACTTAA
		CACTAATCIT			
		ACATTGGGTT			
		ATCCCTCTTT			
351101	CAGTGTAAAC	ATACTGAGTT	TGAGGTGTCT	ATAGATCATC	TTAATGGAGA
351151	TGTCATACAG	ATTAGTTTTC	ATTTTTAAAT	TTCTCCCTAT	TTCATTGAAA
		CTATATAAAA			
		AGCTCTATAC			
		TAAATTAATA			
351351	TATACAAGTT	GAACATCCCT	AATCTGAAAA	TCCAAAATCC	AAAATGCTCC
351401	AAAATCCAAA	<b>ACTITITIGAG</b>	CACGGGCATG	<b>ATGCCTCAAG</b>	TGGAAAATTC
		TTCATGTGAT			
		TIGIATAAAA			
		AATGAAGTTC			
351601	AACTTATTAT	<b>GTATATGCAG</b>	ATATTCCACA	ATCCAAAATT	CAAATACTTC
351651	TGGTTTCAAG	CATTTTGGAA	TAGGGTTACT	TAACCTGTAC	TGAGGTGACA
		<b>TAGTCTTCTG</b>			
		TAGAGGCCTT			
		GCTTTTCTT			
351851	ATATTCATTC	TCACAGTGAA	TTAGTCTATA	TAGTGTATTA	GTTATAACTC
351901	AGTGTATTCT	TAAAGGGTTT	<b>CCTCAATTAT</b>	TTTAATATTT	GACCTGCAAT
		CGATTTTCAT			
		TGGAATCTTC			
		CCCCCAGTTT			
352101	CGAATGCATA	CAATTTCATT	TTTGTGAAAG	TTTACCATCC	TAAAAACTCT
352151	GATTTTTTT	TTTTAAAGAA	<b>ATAGTACATG</b>	TICTITITIGG	ACTGTCTGAA
352201	AACATTGACT	CTTAACCATA	ΑΤΑΔΟΔΑΔΤΑ	ATTITITATGA	GTCCCAAGCT
		AGACCTAGTT			
		TAACAGATTT			
		AAAAGAGCAC			
		ATTCTCTGGT			
		TGGACTTCCC			
		GAGAGGATGT			
		AAGAACCATT			
		AATGTTTTGG			
		AGAATCCCAG			
		CACTACATGA			
352751	<b>GTACCCATAT</b>	ATTICACCITIC	ACATOCAACT		AACTITUTE
353001		ALICACCITC	ACAICOMOI	GIGCTGGAAA	AMOI I I GIGI
352XIII					
3528UL 352851	TCTGATTGAA	TTATGTTCAC	CTTAATTTCC	TCTGCAGTGC	TTTTCCCTCA
352851	TCTGATTGAA GGCAGACCCT	TTATGTTCAC TGAGTGATTG	CTTAATTTCC	TCTGCAGTGC CTCCTCCAAT	TTTTCCCTCA
352851 352901	TCTGATTGAA GGCAGACCCT CTCATTTTAT	TTATGTTCAC TGAGTGATTG GTGTTCAAGT	CTTAATTTCC TCTTTTTTAC TAAATGTGAA	TCTGCAGTGC CTCCTCCAAT CAACAGCAAA	TTTTCCCTCA TTCCACCATT CAGCTACACT
352851 352901 352951	TCTGATTGAA GGCAGACCCT CTCATTTTAT CTGTAAAACA	TTATGITCAC TGAGTGATTG GTGTTCAAGT TACCATTTCT	CITAATTTCC TCTTTTTAC TAAATGTGAA TTCCTTGAGT	TCTGCAGTGC CTCCTCCAAT CAACAGCAAA CAATGCATTC	TTTTCCCTCA TTCCACCATT CAGCTACACT ACTTTTCTGG
352851 352901 352951 353001	TCTGATTGAA GGCAGACCCT CTCATTTTAT CTGTAAAACA TAAATGATTT	TTATGTTCAC TGAGTGATTG GTGTTCAAGT TACCATTTCT TGGGGGCCTG	CITAATTICC TCTTTTTTAC TAAATGTGAA TTCCTTGAGT CAGAAACCAA	TCTGCAGTGC CTCCTCCAAT CAACAGCAAA CAATGCATTC ATGATGAGAC	TTTTCCCTCA TTCCACCATT CAGCTACACT ACTTTTCTGG CCCTGTAGGT
352851 352901 352951 353001	TCTGATTGAA GGCAGACCCT CTCATTTTAT CTGTAAAACA TAAATGATTT	TTATGITCAC TGAGTGATTG GTGTTCAAGT TACCATTTCT	CITAATTICC TCTTTTTTAC TAAATGTGAA TTCCTTGAGT CAGAAACCAA	TCTGCAGTGC CTCCTCCAAT CAACAGCAAA CAATGCATTC ATGATGAGAC	TTTTCCCTCA TTCCACCATT CAGCTACACT ACTTTTCTGG CCCTGTAGGT
352851 352901 352951 353001 353051	TCTGATTGAA GGCAGACCCT CTCATTTTAT CTGTAAAACA TAAATGATTT GGTGAAGAGG	TTATGTTCAC TGAGTGATTG GTGTTCAAGT TACCATTTCT TGGGGGCCTG AGTTTGCAAG	CITAATTICC TCTTTTTTAC TAAATGTGAA TTCCTTGAGT CAGAAACCAA CAATGTTTGC	TCTGCAGTGC CTCCTCCAAT CAACAGCAAA CAATGCATTC ATGATGAGAC ATAAAGTTCT	TTTTCCCTCA TTCCACCATT CAGCTACACT ACTTTTCTGG CCCTGTAGGT CCTGGCCTCT
352851 352901 352951 353001 353051 353101	TICTIGATTIGAA GGCAGACCCT CTICATTITTAT CTIGTAAAACA TAAATIGATTT GGTIGAAGAGG TICTIGCTICGTIG	TTATGTTCAC TGAGTGATTG GTGTTCAAGT TACCATTTCT TGGGGGCCTG AGTTTGCAAG TTTGGTTTGT	CITAATTTCC TCTTTTTTAC TAAATGTGAA TTCCTTGAGT CAGAAACCAA CAATGTTTGC TCTTTTAAAC	TCTGCAGTGC CTCCTCCAAT CAACAGCAAA CAATGCATTC ATGATGAGAC ATAAAGTTCT ACTGTCTTAA	TTTTCCCTCA TTCCACCATT CAGCTACACT ACTTTTCTGG CCCTGTAGGT CCTGGCCTCT CTACAAAAAA
352851 352901 352951 353001 353051 353101 353151	TICTIGATTIGAA GGCAGACCCT CTICATTITTAT CTIGTIAAAACA TAAATIGATTT GGTIGAAGAGG TICTIGCTICGTIG TTTTTTTATIG	TTATGTTCAC TGAGTGATTG GTGTTCAAGT TACCATTTCT TGGGGGCCTG AGTTTGCAAG TTTGGTTTGT ACTTTGGTCT	CITAATTTCC TCTTTTTTAC TAAATGTGAA TTCCTTGAGT CAGAAACCAA CAATGTTTGC TCTTTTAAAC CTTTGGAGCA	TCTGCAGTGC CTCCTCCAAT CAACAGCAAA CAATGCATTC ATGATGAGAC ATAAAGTTCT ACTGTCTTAA AGGAAAATGA	TTTTCCCTCA TTCCACCATT CAGCTACACT ACTTTTCTGG CCCTGTAGGT CCTGGCCTCT CTACAAAAAA CCTGGAGGGA
352851 352901 352951 353001 353051 353101 353151 353201	TICTIGATTIGAA GGCAGACCCT CTICATTITTAT CTIGTAAAACA TAAATIGATTT GGTIGAAGAGG TICTIGCTICGTIG TTTTTTTATIG CAGTICCTATIG	TTATGTTCAC TGAGTGATTG GTGTTCAAGT TACCATTTCT TGGGGGCCTG AGTTTGCAAG TTTGGTTTGT ACTTTGGTCT GCAGTCCAGC	CITAATTTCC TCTTTTTTAC TAAATGTGAA TTCCTTGAGT CAGAAACCAA CAATGTTTGC TCTTTTAAAC CTTTGGAGCA TTATATTCTT	TCTGCAGTGC CTCCTCCAAT CAACAGCAAA CAATGCATTC ATGATGAGAC ATAAAGTTCT ACTGTCTTAA AGGAAAATGA ATGTAATTGA	TTTTCCCTCA TTCCACCATT CAGCTACACT ACTTTTCTGG CCCTGTAGGT CCTGGCCTCT CTACAAAAAA CCTGGAGGGA CTTAACTGAC
352851 352901 352951 353001 353051 353101 353151 353201 353251	TICTIGATTIGAA GGCAGACCCT CTICATTITTAT CTIGTAAAACA TAAATIGATTT GGTIGAAGAGG TICTIGCTICGTIG TTTTTTTATIG CAGTICCTATIG ATATIGCCTTIG	TTATGTTCAC TGAGTGATTG GTGTTCAAGT TACCATTTCT TGGGGGCCTG AGTTTGCAAG TTTGGTTTGT ACTTTGGTCT GCAGTCCAGC GTTTTCCTTT	CITAATTTCC TCTTTTTTAC TAAATGTGAA TTCCTTGAGT CAGAAACCAA CAATGTTTGC TCTTTTAAAC CTTTGGAGCA TTATATTCTT TTTTAATTTA	TCTGCAGTGC CTCCTCCAAT CAACAGCAAA CAATGCATTC ATGATGAGAC ATAAAGTTCT ACTGTCTTAA AGGAAAATGA ATGTAATTGA ACTTTTATTT	TTTTCCCTCA TTCCACCATT CAGCTACACT ACTTTTCTGG CCCTGTAGGT CCTGGCCTCT CTACAAAAAA CCTGGAGGGA CTTAACTGAC TAGGTTCAAG
352851 352901 352951 353001 353051 353101 353151 353201 353251	TICTIGATTIGAA GGCAGACCCT CTICATTITTAT CTIGTAAAACA TAAATIGATTT GGTIGAAGAGG TICTIGCTICGTIG TTTTTTTATIG CAGTICCTATIG ATATIGCCTTIG	TTATGTTCAC TGAGTGATTG GTGTTCAAGT TACCATTTCT TGGGGGCCTG AGTTTGCAAG TTTGGTTTGT ACTTTGGTCT GCAGTCCAGC	CITAATTTCC TCTTTTTTAC TAAATGTGAA TTCCTTGAGT CAGAAACCAA CAATGTTTGC TCTTTTAAAC CTTTGGAGCA TTATATTCTT TTTTAATTTA	TCTGCAGTGC CTCCTCCAAT CAACAGCAAA CAATGCATTC ATGATGAGAC ATAAAGTTCT ACTGTCTTAA AGGAAAATGA ATGTAATTGA ACTTTTATTT	TTTTCCCTCA TTCCACCATT CAGCTACACT ACTTTTCTGG CCCTGTAGGT CCTGGCCTCT CTACAAAAAA CCTGGAGGGA CTTAACTGAC TAGGTTCAAG
352851 352901 352951 353001 353051 353101 353151 353201 353251 353301	TICTIGATTIGAA GGCAGACCCT CTICATTITAT CTIGTIAAAACA TAAATGATTTT GGTGAAGAGG TICTIGCTICGTIG TITTITTATIG CAGTICCTATIG ATATIGCCTTIG GAGTACATGT	TTATGTTCAC TGAGTGATTG GTGTTCAAGT TACCATTTCT TGGGGGCCTG AGTTTGCAAG TTTGGTTTT ACTTTGGTCT GCAGTCCAGC GTTTTCCTTT GCAGGTTTGT	CITAATTTCC TCTTTTTAC TAAATGTGAA TTCCTTGAGT CAGAAACCAA CAATGTTTGC TCTTTTAAAC CTTTGAGCA TTATATTCT TTTTAATTTA TACATAGGTA	TCTGCAGTIGC CTCCTCCAAT CAACAGCAAA CAATGCATTC ATGATGAGAC ATAAAGTTCT ACTGTCTTAA AGGAAAATGA ATGTAATTGA ACTTTTATTT AACTGCATGT	TTTTCCCTCA TTCCACCATT CAGCTACACT ACTTTTCTGG CCCTGTAGGT CCTGGCCTCT CTACAAAAA CCTGGAGGGA CCTTAACTGAC TAGGTTCAAG CATGGGGGTT
352851 352901 352951 353001 353051 353101 353151 353201 353251 353301 353351	TICTIGATTIGAA GGCAGACCCT CTICATTITAT CTIGTIAAAACA TAAATIGATTT GGTGAAGAGG TICTIGCTIGGT TITTITTATIG CAGTICCTATIG ATATIGCCTTIG GAGTIACATIG TICATIGTACAG	TTATGTTCAC TGAGTGATTG GTGTTCAAGT TACCATTTCT TGGGGGCCTG AGTTTGCAAG TTTGGTTTG ACTTTGGTCT GCAGGTCCAGC GTTTTCCTTT GCAGGTTTGT ATCATTTCAT	CITAATITICC TCTTTTTAC TAAATGTGAA TTCCTTGAGT CAGAAACCAA CAATGTTTGC TCTTTTAAAC CTTTGAGCA TTATATTCT TTTTAATTTA TACATAGGTA CATGCAGGTA	TCTGCAGTISC CTCCTCCAAT CAACAGCAAA CAATIGCATTIC ATGATIGAGAC ATAAAGTTICT ACTIGTICTTIAA AGGAAAATIGA ATGTAATTIGA ACTITATTIT AACTIGCATIGT ATAATTCACGG	TTTTCCCTCA TTCCACCATT CAGCTACACT ACTTTTCTGG CCCTGTAGGT CCTGGCCTCT CTACAAAAAA CCTGGAGGGA CTTAACTGAC TAGGTTCAAG CATGGGGGTT TATCTGATAG
352851 352901 352951 353001 353051 353101 353151 353201 353251 353301 353351 353401	TICTIGATTIGAA GGCAGACCCT CITCATTITAT CTGTAAAACA TAAATGATTT GGTGAAGAGG TICTICTIGTIG TITTITTATIG CAGTCCTATIG ATATGCCTTIG GAGTACATIG TCATGTACAG GTATTITTTTC	TTATGTTCAC TGAGTGATTG GTGTTCAAGT TACCATTTCT TGGGGGCCTG AGTTTGCAAG TTTGGTTTGT ACTTTGGTCT GCAGGTCTG GCAGGTTTGCTT GCAGGTTTGCTT TGCAGGTTTGCTT TGCAGGTTTGCTT ATCATTTCAT TGATCCTCTC	CITAATITICC TCTTTTTTAC TAAATGTGAA TTCCTTGAGT CAGAAACCAA CAATGTTTGC TCTTTTAAAC CTTTGGAGCA TTATATTCT TTTTAATTTA TACATAGGTA CATGCAGGTA CTTCCTCCAA	TCTGCAGTISC CTCCTCCAAT CAACAGCAAA CAATIGCATTC ATGATIGAGAC ATAAAGTTCT ACTIGTCTTAA AGGAAAATIGA ACTITTATTT AACTIGCATIGT ATAATICACGG CCCCCTAGCC	TTTTCCCTCA TTCCACCATT CAGCTACACT ACTTTTCTGG CCCTGTAGGT CCTGGCCTCT CTACAAAAAA CCTGGAGGGA CTTAACTGAC TAGGTTCAAG CATGGGGGTT TATCTGATAG TCAAGTAGGC
352851 352901 352951 353001 353051 353101 353151 353201 353251 353301 353351 353401	TICTIGATTIGAA GGCAGACCCT CITCATTITAT CTGTAAAACA TAAATGATTT GGTGAAGAGG TICTICTIGTIG TITTITTATIG CAGTCCTATIG ATATGCCTTIG GAGTACATIG TCATGTACAG GTATTITTTTC	TTATGTTCAC TGAGTGATTG GTGTTCAAGT TACCATTTCT TGGGGGCCTG AGTTTGCAAG TTTGGTTTG ACTTTGGTCT GCAGGTCCAGC GTTTTCCTTT GCAGGTTTGT ATCATTTCAT	CITAATITICC TCTTTTTTAC TAAATGTGAA TTCCTTGAGT CAGAAACCAA CAATGTTTGC TCTTTTAAAC CTTTGGAGCA TTATATTCT TTTTAATTTA TACATAGGTA CATGCAGGTA CTTCCTCCAA	TCTGCAGTISC CTCCTCCAAT CAACAGCAAA CAATIGCATTC ATGATIGAGAC ATAAAGTTCT ACTIGTCTTAA AGGAAAATIGA ACTITTATTT AACTIGCATIGT ATAATICACGG CCCCCTAGCC	TTTTCCCTCA TTCCACCATT CAGCTACACT ACTTTTCTGG CCCTGTAGGT CCTGGCCTCT CTACAAAAAA CCTGGAGGGA CTTAACTGAC TAGGTTCAAG CATGGGGGTT TATCTGATAG TCAAGTAGGC

353501 CTICITATAA GIGAGAACAT GIGGTATITIG GITTICIGCT GCAAAAGA 353601 TIGATCTIGTT TITTATGGCT GCAGCTICAT CCATGCTGCT GCAAAAGA 353651 AATTICITTA CCCAATCTAC TATTAATGAG CATCATAGTT TATGTACC 353601 CTTIGCTATT ATGAATAGTG CTACAGTGA CATACATGTG TCTTTATA 353601 AGATGATTT ATGAATAGTG CTACAGTGA CATACATGTG TCTTTATA 353701 CTTTGCTATT ATGAATAGTG CTACAGTGA CATACATGTG TCTTTATA 353751 AGAATGATTT ATATTCCTTT GAGTATCTAC CCAGTAATGG GACTGCTG 353801 TTAAAATGATA ATTICIGTTTT GAATTCTTC ACCAGTAATGG GACTGCTG 353901 CCTTTTCCCT GACACCTCAC CAGAATCTGT TATTTTTTTG CTTTTTAAA 353901 CCTTTTCCCT GACACCTCAC CAGAATCTGT TATTTTTTTTG CTTTTTAAA 353901 CCTTTTCCCT GACACCTCAC CAGAATCGTT TATTTTTTTTG CTTTTTAAA 353901 CATTTCCTA GIGATTAGTG AAATGGTAT CTCGTTGTG TATTTCTTTTTTTTTT
353601 TGATCTIGIT TITTATGGCT GCATAGTATT CCATGGTATA TATGTACC 353651 AATTICITTA CCCAATCTAC TATTAATGAG CATCTAGATT GACTCCAT 353701 CTTTGCTATT ATGATAGTG CAACATGAG CATCAGATT GACTCCAT 353751 AGAATGATTT ATATTCCTTT GAGTATCTAC CCAGTAATGG GACTGCTG 353801 TTAAATGATA ATTICIGITTT GAGTATCTAC CCAGTAATGG GACTGCTG 353801 TTAAATGATA ATTICIGITTT GAGTATCTAC CCAGTAATGG GACTGCTG 353801 CCTTTTCCCT GACACCTCAC CAGAATCTGT TATTTTTTTG CTTTTAAA 353901 CCTTTTCCCT GACACCTCAC CAGAATCTGT TATTTTTTTG CTTTTTAA 353901 CATTTCCCT GACACCTCAC CAGAATCTGT TATTTTTTTG CTTTTTAA 353901 CATTTCCTA GTGATTAGTG ATGTTGAGCA TTTTTCCATA TGCTTGTT 354001 CATTTCCTA GTGATTAGTG AAAGTGTCT TCCATATTTT TTGCCAGA 354101 TTTAATGGTG TTGAGGTTTT TTTGCCAGAAT ATTTTCCT 354101 TTTAATGGTG TTGAGGTTTT TTGCCTGAAAT ATTTTCTCT 354201 ATTCTGTAGA TAATCTGTTT ACTCTGTGGA TAGTTTCCTT TGCATATTCAT 354301 AGTTGCCTTT GGCATCTTCA TCCTGTGGAAT ATTTTCTCT 354301 AGTTGCCTTT GGCATCTTCA TCCTGAGTAG ATTTTTAGTTTTTTTTTT
353651 AATTTICTTA CCCAATCTAC TATTAATGAG CATCTAGATT GACTCCAT 353701 CTTTGCTATT ATGAATAGTG CTACAGTGAA CATACATGTG TCTTTATA 353751 AGAATGATT ATATTCCTTT GAGTATCTAC CCAGTAATGG GACTGCTG 353801 TTAAATGATA ATTCTGTTTT GAATTCTAC CCAGTAATGG GACTGCTG 353851 CTACAATGGC TAAGCTCACT TAAACTCCCA CCAGTAGTGT ATATCCAT 353901 CCTTTTCCCT GACACCTCAC CAGAATCTGT TATTTTTTG CTTTTAAA 353951 ATAGCCACTC TGACTGGTG GAAATGGTAT TATTTTTTTG CTTTTAAA 353951 ATAGCCACTC TGACTGGTG GAAATGGTAT TATTTTTTTG CTTTTAAA 353951 ATAGCCACTC TGACTGGTG GAAATGGTAT TATTTTTTTG CTTTTAAA 353951 CACATGTATG TCTTCTTTTG AAAGTGTCAT TTCATATCAT TTCATATCAT 354001 CATTTCGGATATT ATATCTTTTG TAGGGATGCAT AGCTGCAAAT AATTTCATT 354101 TTTAATGGTT TATATCTTTTG TAGGGATGCAT AGCTGCAAAT AATTTCATT 354201 ATTCTGGAGATT ATATCTTTTG TAGGGATGCAT AGCTGCAAAT AATTTCCTT 354201 ATTCTGTAGA TAATCTGTTT ACTCTGTGAA TAGTTTCCTT TGATATGC 354301 AGCTGCCTTTA GGCATCTTCA TCATGAGGTC TTTTGCCAGGC CCCATGTC 354351 GAATGGTATC TCCTATGTTA TCTTCCAGGG ATTTTATTGGT TTTGATTCAT 354401 ACCACTTACT GAATGGGGAG TCCTTGCTCT ATTGCTTGTT ATTGCTGTT 354501 ACCACTTACT GAATGGGGAG TCCTTGCTCT ATTGCTTGTT TTTTTTTTTT
353651 AATTTICTTA CCCAATCTAC TATTAATGAG CATCTAGATT GACTCCAT 353701 CTTTGCTATT ATGAATAGTG CTACAGTGAA CATACATGTG TCTTTATA 353751 AGAATGATT ATATTCCTTT GAGTATCTAC CCAGTAATGG GACTGCTG 353801 TTAAATGATA ATTCTGTTTT GAATTCTAC CCAGTAATGG GACTGCTG 353851 CTACAATGGC TAAGCTCACT TAAACTCCCA CCAGTAGTGT ATATCCAT 353901 CCTTTTCCCT GACACCTCAC CAGAATCTGT TATTTTTTG CTTTTAAA 353951 ATAGCCACTC TGACTGGTG GAAATGGTAT TATTTTTTTG CTTTTAAA 353951 ATAGCCACTC TGACTGGTG GAAATGGTAT TATTTTTTTG CTTTTAAA 353951 ATAGCCACTC TGACTGGTG GAAATGGTAT TATTTTTTTG CTTTTAAA 353951 CACATGTATG TCTTCTTTTG AAAGTGTCAT TTCATATCAT TTCATATCAT 354001 CATTTCGGATATT ATATCTTTTG TAGGGATGCAT AGCTGCAAAT AATTTCATT 354101 TTTAATGGTT TATATCTTTTG TAGGGATGCAT AGCTGCAAAT AATTTCATT 354201 ATTCTGGAGATT ATATCTTTTG TAGGGATGCAT AGCTGCAAAT AATTTCCTT 354201 ATTCTGTAGA TAATCTGTTT ACTCTGTGAA TAGTTTCCTT TGATATGC 354301 AGCTGCCTTTA GGCATCTTCA TCATGAGGTC TTTTGCCAGGC CCCATGTC 354351 GAATGGTATC TCCTATGTTA TCTTCCAGGG ATTTTATTGGT TTTGATTCAT 354401 ACCACTTACT GAATGGGGAG TCCTTGCTCT ATTGCTTGTT ATTGCTGTT 354501 ACCACTTACT GAATGGGGAG TCCTTGCTCT ATTGCTTGTT TTTTTTTTTT
353701 CITTICCTATT ATGAATAGTG CTACAGTGAA CATACATGTG TCTITATAA 353751 AGAATGATTT ATATTICCTTT GAGTATCTAC CCAGTAATGG GACTGCTG 353801 TTAAATGATA ATTCTGTTTT GAATTCTTTG AGGAATTTCC ATACTGCT 353851 CTACAATGGC TAAGCTCATT TAAACTCCCA CCAGTAGTGT ATAATCAT 353901 CCTTTTCCCT GACACCTCAC CAGAATCGTT TATTTTTTTG CTTTTTAAT 353901 CATTTCCTTA GTGATTAGTG AGAATCGTA CTGGTTGTGG TTTTTTAAT 354001 CATTTCTCTA GTGATTAGTG AGAATGGTAT CTGGTTGTGG TTTTTCATA 354001 CATTTCTCTA GTGATTAGTG AGAATGGTAT CTGGTTGTGG TTTTTCATA 354051 CACATGTATG TCTTCTTTTG AAAGTGTCTG TTCATATTCT TTGCCCAC 354101 TTTAATGGTG TTGAGGTTTT TTTGCTTGTA AATGTAAGTT CCTTATAG 354201 ATTCTGTAGA TAATCTTTTG TGGGATGCAT AGCTGCAAAT ATTTTCTC 354201 ATTCTGTAGA TAATCTTTTG TGGGATGCAT AGCTGCAAAT ATTTTCTC 354201 AGTTGCCTTT GGCATCTTCA TCATGTAGAT TCAATTTTCTT 354201 AGTTGCCTTT GGCATCTTCA TCATGAGGTC TTTGCCCAGGC CCCATGTC 354301 AGTTGCCTTT GGCATCTTCA TCATGAGGTC TTTTGCCCAGG CCCATGTG 354301 AGATGGCATT GGCATCTTCA TCATGAGGTC ATTTTTTTTTT
353751 AGAATGATTT ATATTCCTTT GAGTATCTAC CCAGTAATGG GACTGCTG 353801 TTAAATGATA ATTCTGTTTT GAATTCTTTG AGGAATTTCC ATACTGCT 353801 CTACAATGGC TAAGCTCATT TAAACTCCCA CCAGTAGTGT ATAATCAT 353901 CCTTTTCCCT GACACCTCAC CAGAATCTGT ATATTTTTTG CTTTTTAA 353901 CATTTCCCT GACACCTCAC CAGAATCTGT TATTTTTTTG CTTTTTAA 354901 CATTTCTCTA GTGATTAGTG GAAATGGTAT CTCGTTGTGG TTTTGACT 354001 CATTTCTCTA GTGATTAGTG ATGTTGACA TTTTTCCATA TGCTTGTT 354001 CATTCTGTAGA TAATCTTTTG TGGGATGCAT AGCTGCAAAT ATTTTCTC 354201 ATTCTGTAGA TAATCTTTTG TGGGATGCAT AGCTGCAAAT ATTTTCTC 354201 AGCTCCTTTA GTTTAATTAA GTCCCATTTG TCAATTTCT TTGACTAGG 354301 AGCTCCTTTA GTTTAATTAA GTCCCACTTTG TCAATTTTATTATTG TTTTCATT 354301 AGCTGCTATT AGCATCTTCA TCATGAGGG ATTTTATAGG TTTTGATT 354401 ACATTTACAT CTTTAATCCA TCTTGAGTTG ATTTTTGTTAT 354401 ACACTTACAT CTTTAATCCA TCTTGAGTTG ATTTTTTTTTT
353801 TTAAATGATA ATTCTGTTT GAATTCTTG AGGAATTTCC ATACTGCT 353851 CTACAATGCC TAAGCTCATT TAAACTCCCA CCAGTAGTGT ATAATCAT 353901 CCTTTTCCCT GACACCTCAC CAGAATCTGT TATTTTTTTG CTTTTTAA 353901 ATAGCCACTC TGACTGGTGT GAAATCGTAT TATTTTTTTG CTTTTTAA 353901 ATAGCCACTC TGACTGGTGT GAAATCGTAT TATTTTTTTG CTTTTTAA 353901 ATAGCCACTC TGACTGGTGT GAAATCGTAT TATTTTTTTTG CTTTTTAAT 354001 CACATGTATG TTCTTCTTTTG AAAGTGTCTG TTCATATTCT TTGCCCAC 354101 TTTAATGGTG TTGAGGTTTT TTTGCTTGTAA AATGTAAGTT CCTTATAG 354101 ATTCTGTAGA TAATCTGTTT ACTCTGTCGA AATGTAAGTT CTTATAGT 354201 ATTCTGTAGA TAATCTGTTT ACTCTGTCGA TAGTTTCCTT TGATATCCT 354301 AGTTGCCTTT GGCATCTCA TCATGAGATC TTTGCCAGGC CCCATGTC 354301 AGATGGATC TCCTATGTTA TCCTCAGGG ATTTTATAGG TTTAGTTA 354401 ACATTTACAT CTTTAATCCA TCCTGAGGTG ATTTTTTTTATCAT 3544501 ACCACTTACT GAATGGGGAG TCCTTGCTCT ATTGCTTGTT TTTGTTGTAAAC 354501 TATTCTGTTC ATTGGTCTAT GTTCAGGTTT GGTCTTATTT CTGGGTTC 354651 TTTGGTTACT GAATGGGGAG TCCTTGCTCT ATTGCTTGTT TTTGTTGTT 354651 TTTTGGTTACT GTTCAGTTT GTTCAGGTTT TTTGTCCAG ATTGCTTGTT TTTGTTGTT 354701 CTCCAACTTT GTTCAGTTT GTTCAGTTT TAAAATAGTT TTTTTGTTT CTGGGTTC 354751 TTTTGGTTACT GTTCAGTTT GTTCAGGTTA TTTTTTGTTT CTGGGTTC 354751 TTTTGGTTACT GTTCAGTTT GTTCAGGTTA TTTTTTTTTT
353851 CTACAATGGC TAAGCICATT TAAACICCCA CCAGTAGIGT ATAATCAT 353901 CCTTITCCCT GACACCICAC CAGAATCIGT TATTITTIG CTTITTAA 353951 ATAGCCACIC TGACTGGIGT GAAATGGTAT CICGITGTGG TITTIGACT 354001 CATTICICTA GTGATTAGIG ATGTTGAGCA TITTITCATA TGCTIGTT 354051 CACATGGTAT TITTIGAGGTTTT TITGCTGAGAATAGTTA TITTICATATICT 354101 TITAATGGIG TIGAGGTTTT TITGCTGTA AAAGTGTAGGTT CCTTATAG 354101 TITAATGGIG TIGAGGTTTT TITGCTGTA AAAGTGTAGGTT CCTTATAG 354101 ATTICIGTAGA TAATCITTTG TIGGGATGCAT AAGTTCACTT TIGACATAGTT 354201 ATTICIGTAGA TAATCIGTTTA ACICIGICGA TAGTTTCCTT TIGATATGC 354251 AAGCICTTA GTTTAATTAA GTCCCATTTG TCAATTTTTG TITTICATT 354301 AGTTGCCTTT GGCATCTTCA TCATGAGATC TITTIGCCAGGC CCCCATGTC 354351 GAATGGTATC TCCTATGTTA TCTTCAGGTTG ATTITTTGTAT ATGATGTA 354451 GAAGGGGTCT AGTTTCAATC TCTTGAGGTTG ATTITTTGTAT ATGATGTA 354501 ACCACTTACT GAATGGGGAG TCCTTGCTCT ATTIGCTTGTT 354651 TTTGGTAAAC TCAGATAGTT GTAGGCATAT GGTCTTATTT CTGGGGTTC 354651 TTTTGGTTACT GTGGCCTTGT AGTGTAGTTT GAATTTTAGGT TTTTTTTTTT
353901 CCTTTTCCCT GACACCTCAC CAGAATCIGT TATTTTTTIG CTTTTAAA 353951 ATAGCCACTC TGACTGGIGT GAAATGGTAT CICGITGIGG TTTTGACT 354001 CATTTCTCTA GTGATTAGIG ATGTTGAGCA TTTTTCCATA TGCTIGTT 354051 CACATGTATG TCTTCTTTIG AAAGTGTCT TTCATATTCT TTGCCCAC 354101 TTTAATGGIG TTGAGGTTTT TTTGCTTGTA AATGTAAGTT CCTTATAG 354151 TCTGGATATT ATATCTTTTG TGGGATGCAT AGCTGCAAAT ATTTTCTC 354201 ATTCTGTAGA TAATCTGTTT ACTCTGTCGA TAGTTTCCTT 354201 ATTCTGTAGA TAATCTGTTT ACTCTGTCGA TAGTTTCCT 354301 AGTTGCCTTT GGCATCTTCA TCATGAGATC TTTGCCCAGC CCCCATGTC 354351 GAATGGTATC TCCTATGTTA TCTTCAGGATC TTTGCCCAGC CCCCATGTC 354351 GAATGGTATC TCCTATGTTA TCTTCAGGATC ATTTTTGTAT ATGATGTA 354451 GAAGGGGTCT AGTTTCAATC TCTTGAGTTG ATTTTTGTAT ATGATGTA 354451 GAAGGGGTCT AGTTTCAATC TCTTGAGTTG ATTTTTGTAT ATGATGTA 354501 ACCACTTACT GAATGGGGAG TCCTTGCTCT ATTGCTTGTT TTTGTCCAG 354551 TTTGTCAAAAC TCAGATAGTT GTAGGCATAT GGTCTTATTT CTGGGGTTC 354651 TTTGGTTACT GTAGGCATAT GGTCTTATTT CTGGGGTTC 354651 TTTTGGTTACT GTTCAGTTT GTAGGATTA TGTTGCCTAT TTTGGGCTC 354751 TTTTGGTTTT GCATGAATTT TAAAATAGTT TTTTCTAATT CTGGGGTC 354801 TGTCATTCGT AATTTGATAG GAATAGCACT GAATCTGTAA ATTACCTT 354901 AATGTTTTCGT AATTTGATAG GAATAGCACT GAATCTGTAA ATTACCTT 354901 AATGTTTTCGT AATTTGATAG GAATAGCACT GAATCTGTAA ATTACCTT 354901 AATGTTTTCT ATTTTTGTGGC TATTTTGGTCAT TTCCTCTACC AGTGCAT 354901 TTCTCCTTGT AGACATCTTT CACCTCCTTTG GTTAGCCATA TTCCTTAGG 354901 TATTTTATA TTTTTGTGGC TATTTTGGTGAT TTCCTTAGCAT TCCCAGATTT 354901 TTCTCCTTGT AGACATCTTT CACCTCCTTTG GTTAGCCATA TTCCTTAGG 354901 TATTTTATAT TTTTTGTGGC TATTTTGGTGAT TCCCAGATTTTTGGGATT 354901 TCTCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT
353951 ATAGCCACTC TGACTGGTGT GAAATGGTAT CICGTTGTGG TTTTGACT 354001 CATTTCTCTA GTGATTAGTG ATGTTGAGCA TTTTTCCATA TGCTTGTT 354051 CACATGTATG TCTTCTTTTG AAAGTGTCTG TTCATATTCT TTGCCCAC 354101 TTTAATGGTG TTGAGGTTTT TTTGCTTGTA AATGTAAGTT CCTTATAG 354151 TCTGGATATT ATATCTTTTG TGGGATGCAT AGCTGCAAAT ATTTTCTC 354201 ATTCTGTAGA TAATCTGTTT ACTCTGTCGA TAGTTTCCTT TGATATGC 354251 AAGCTCTTTA GTTTAATTAA GTCCCATTTG TCAATTTTTG 354301 AGTTGCCTTT GGCATCTTCA TCATGAGGTC TTTGCCAGGC CCCCATGTC 354351 GAATGGTATC TCCTATGTTA TCTTCCAGGG ATTTTATGGT TTTAGGTT 354401 ACATTTACAT CTTTAATCAT TCTTGAGTTG ATTTTTGAT ATGATGTA 354451 GAAGGGGTCT AGTTTCAATC TTCTGGAGTG ATTTTTTGAT ATGATGTA 354501 ACCACTTACT GAATGGGGAG TCCTTGCTCT ATTGCTTGTT TTTGTCCAG 354501 TTTGGTACAC TCAGATAGTT GTAGGCATAT GGTCTTATTT CTGGGGTTC 354601 TATTCTGTTC ATTGGTCTAT GTTTCTGTT TTTGTACCAGT ATCGTGTT 354701 CTCCAACTTT GTTCAGTTTG GTTTCTGTTT TTTGTACCAGT ATCGTGTT 354701 CTCCAACTTT GTTCAGTTTG CTTAGGATTA TGTTCCAACTTTTTTTTTT
353951 ATAGCCACTC TGACTGGTGT GAAATGGTAT CICGTTGTGG TTTTGACT 354001 CATTTCTCTA GTGATTAGTG ATGTTGAGCA TTTTTCCATA TGCTTGTT 354051 CACATGTATG TCTTCTTTTG AAAGTGTCTG TTCATATTCT TTGCCCAC 354101 TTTAATGGTG TTGAGGTTTT TTTGCTTGTA AATGTAAGTT CCTTATAG 354151 TCTGGATATT ATATCTTTTG TGGGATGCAT AGCTGCAAAT ATTTTCTC 354201 ATTCTGTAGA TAATCTGTTT ACTCTGTCGA TAGTTTCCTT TGATATGC 354251 AAGCTCTTTA GTTTAATTAA GTCCCATTTG TCAATTTTTG 354301 AGTTGCCTTT GGCATCTTCA TCATGAGGTC TTTGCCAGGC CCCCATGTC 354351 GAATGGTATC TCCTATGTTA TCTTCCAGGG ATTTTATGGT TTTAGGTT 354401 ACATTTACAT CTTTAATCAT TCTTGAGTTG ATTTTTGAT ATGATGTA 354451 GAAGGGGTCT AGTTTCAATC TTCTGGAGTG ATTTTTTGAT ATGATGTA 354501 ACCACTTACT GAATGGGGAG TCCTTGCTCT ATTGCTTGTT TTTGTCCAG 354501 TTTGGTACAC TCAGATAGTT GTAGGCATAT GGTCTTATTT CTGGGGTTC 354601 TATTCTGTTC ATTGGTCTAT GTTTCTGTT TTTGTACCAGT ATCGTGTT 354701 CTCCAACTTT GTTCAGTTTG GTTTCTGTTT TTTGTACCAGT ATCGTGTT 354701 CTCCAACTTT GTTCAGTTTG CTTAGGATTA TGTTCCAACTTTTTTTTTT
354001 CATHICICTA GIGATTAGIG ATGITGAGCA THITICCATA TGCTIGIT 354051 CACATGIATG TCTICTITIG AAAGIGICIG TICATATICT TIGCCCAC 354101 TITAATGGIG TIGAGGITH THIGCTIGTA AATGIAAGIT CCTTATAG 354151 TCTGGATATT ATAICITTIG TGGGATGCAT AGCTGCAAAT ATTITCTC 354201 ATTICIGTAGA TAATCIGITH ACTCIGTCGA TAGTITCCTI TGATATGC 354251 AAGCTCTTA GITTAATTAA GICCCATTIG TCAATTITTIG TITICATT 354301 AGTTGCCTTT GGCATCTTCA TCATGAGATC THIGCCAGGC CCCATGIC 354351 GAATGGTATC TCCTATGTTA TCTTCCAGGG ATTITATAGG THTAGGT 354401 ACATTTACAT CTTTAATCCA TCTTGAGTIG ATTITTIGAT ATGATGTA 354401 ACACTTACT GAATGGGGAG TCCTTGCTCT ATTGCTTGTT THIGTGAG 354551 TTGTCAAAAC TCAGATAGTT GTAGGCATAT GGTCTTATTT CTGGGGTTC 354601 TATTCIGTTC ATTGGTCAT GTTTCIGTT TIGTACCAGT ATCGTGTT 354601 TATTCIGTTC GTGGGCCTTGT AGTGTAGGTT GAATTTGAGT AACATGAT 354701 CTCCAACTTT GTTCAGTTTG CTTAGGATTA TGTTCCAGT ATCGTGTT 354751 TTTTGGTTACT GTGGGCCTTGT AGTGTAGGTT TTTTCTAATT CTGGGCTC 354801 TGTCATTCGT AATTTGATG GAATAGCACT GAATCTGTAA ATCATGTT 354801 TGTCATTCGT AATTTGATG GAATAGCACT GAATCTGTAA ATTACCTT 354901 AATGITTTCT ATTTTTGTGG CAATCGTTAA TTCTTCAGC AGTGCAT 354901 TATTTTTTTT ATTTTTTTTTTTTTTTTTTTTTTTTT
354051 CACATGATG TICTICTITIG AAAGTGTCTG TICATATICT TIGCCCAC 354101 TITAATGGTG TIGAGGTTTT TITTGCTTGTA AATGTAAGTT CCTTATAG 354151 TICTGGATATT ATATICTITIG TIGGGATGCAT AGCTGCAAAT ATTTTCTC 354201 ATTCTGTAGA TAATCTGTTT ACTCTGTCGA TAGTTTCCTT TIGATATGC 354251 AAGCTCTTTA GTTTAATTAA GTCCCATTTTT TICATTTTTTTTTTTTTTTTTTTTTTTTT
354101 TITAATGGIG TIGAGGITIT TITIGCTIGTA AATGTAAGIT CCTTATAG 354151 TCTGGATATT ATATCTITIG TGGGATGCAT AGCTGCAAAT ATTITCTC 354201 ATTCTGTAGA TAATCTGTTT ACTCTGTCA TAGTTTCCTT TGATATGC 354251 AAGCTCTTTA GTTTAATTAA GTCCCATTTG TCAATTTTTG TTTTCATT 354301 AGTTGCCTTT GGCATCTTCA TCATGAGATC TITIGCCAGGC CCCATGTC 354351 GAATGGTATC TCCTATGTTA TCTTCAGGT ATTITATAGG TTTAGGTT 354401 ACATTTACATC CITTAATCCA TCTTGAGGTG ATTITATAGG TTTAGGTT 354451 GAAGGGGTCT AGTTTCAATC TCTTGAGTTG ATTITGTATA ATGATGTA 354451 GAAGGGGTCT AGTTTCAATC TTTCTGTACAT GACTAGCCAA TTATCCCA 354501 ACCACTTACT GAATGGGGAG TCCTTGCTCT ATTGCTTGTT TTTGTTGAG 354651 TTTGGTTACT GAATGGGGAG TCCTTGCTCT ATTGCTTGTT TTTGTTGAG 354601 TATTCTGTTC ATTGGTCTAT GTTTCTGTTT TTTGTACCAGT ATCGTGTT 354651 TTTTGGTTACT GTTCAGTTTG CTTAGGATTA TGTTGGCCTAT TTTGGGCTC 354751 TTTTGGTTACT GTTCAGTTTG CTTAGGATTA TGTTGCCTAT TTTGGGCCTAT 354851 GCAGTATCGC AATTTGATAG GAATAGCACT GAATCTGTAA ATTACCTT 354851 GCAGTATCGC CATTTTAACA ATATTGATTT CTTCCTATCT GTGAGGCAT 354951 TTCTCCTTGT AGACATCTTT CACCTCCTTG GTTAGCCATA TTCTTAGG 355001 TATTTATTA TTTTTGTGGC TATTTGGGGT GGGATTGCAT TCCAGGTT 355001 TATTTATTA TTTTTGTGGC TATTTGGGGT GGGATTGCAT TCCAGGTT 355001 CATTGATTTT GTATCCTGAA ACTTTTACTG AAGTTATCAG ATCCAGGA
354201 ATTCIGGATATT ATATCITTIG TGGGATGCAT AGCIGCAAAT ATTTCICCT 354201 ATTCIGTAGA TAATCIGITT ACICIGICGA TAGITICCTT TGATATGC 354251 AAGCICITTA GITTAATTAA GICCCATTIG TCAATTTTIG TTTTCATT 354301 AGTIGCCTTT GGCATCITCA TCATGAGATC TTTGCCAGGC CCCATGIC 354351 GAATGGTATC TCCTATGITA TCTTCCAGGG ATTTTATAGG TTTAGGTT 354401 ACATTTACAT CITTAATCCA TCTTGAGTIG ATTTTIGTAT ATGATGTA 354451 GAAGGGGICT AGTTTCAATC TICTGGACAT GACTAGCCAA TTATCCCA 354501 ACCACTTACT GAATGGGGAG TCCTTGCTCT ATTGCTTGTT TTTGTCAGAC TCAGATAGTT GTAGGCATAT GGTCTTATTT CTGGGTTC 354651 TTTGGTTACT GTGGCCTTGT AGTGTAGTTT GAATTTGAGT AACATGAT 354601 TATTCIGTTC ATTGGTTGT AGTGTAGTTT GAATTTGAGT AACATGAT 354701 CTCCCAACTTT GTTCAGTTTG CTTAGGATTA TGTTGGCCTAT TTTGGGCTCT 354751 TTTTGGTTTCT GTTCAGTTTG CTTAGGATTA TGTTGGCCTAT TTTGGGCTCT 354801 TGTCATTCGT AATTTGATAG GAATAGCACT GAATCTGTAA ATTACCTT 354851 GCAGTATTGCC CATTTTAACA ATATTGATTT CTTCCTATCT GTGAGCATA 354951 TTCTCCTTGT AGACATCTTT CACCTCCTTG GTTAGCCATA TTCTTAGGT 355001 TATTTTATTA TTTTTGTGGC TATTTTGTGAGT GGGATTGCAT TCCCAGATT 355001 TATTTTATTA TTTTTGTGGC TATTTTGTGAGT GGGATTGCAT TCCCAGATT 355001 TATTTTATTA TTTTTGTGGC TATTTTGTGAGT GGGATTGCAT TCCCAGATT 355001 CATTGATATA TTTTTGTGGC TATTTTGTGAGT GAATTTTCAG GAATTTTTGTGAGT AAGTTATCAG ATTCTAGGT TCCCAGATTTTTTTTTT
354201 ATTCIGTAGA TAATCIGITT ACICIGTOGA TAGITICCIT TGATATGO 354251 AAGCICITTA GITTAATTAA GICCCATTIG TCAATITTIG TITTICATT 354301 AGTIGCCTIT GGCATCITCA TCATGAGATC TITGCCAGGC CCCATGIC 354351 GAATGGTATC TCCTATGITA TCTTCCAGGG ATTTTATAGG TITTAGGTT 354401 ACATTTACAT CITTAATCCA TCTTGAGTTG ATTTTTGTAT ATGATGTA 354451 GAAGGGGTCT AGTTTCAATC TTCTGTACAT GACTAGCCAA TTATCCCA 354501 ACCACITACT GAATGGGGAG TCCTTGCTCT ATTGCTTGTT TTTGTTCAAA 354501 TTTGTCAAAAC TCAGATAGTT GTAGGCATAT GGTCTTATTT CTGGGTTC 354601 TATTCIGTTC ATTGGTCTAT GTTTCTGTTT TTGTACCAGT ATCGTGTT 354651 TTTGGTTACT GTGGCCTTGT AGTGTAGGTTT GAATTTGAGT AACATGAT 354701 CTCCAACITT GTTCAGTTTG CTTAGGATTA TGTTGGCCTAT TTGGGCCTA 354751 TTTTGGTTTC GTGGCCTTGT AGTGTAGGTTA TTTTCTAATT CTGTGAAG 354801 TGTCATTCGT AATTTGATAG GAATAGCACT GAATCTGTAA ATTACCTT 354851 GCAGTATGGC CATTTTAACA ATATTGATTT CTTCCTATCT GTGAGCAT 354901 AATGTTTTCT ATTTTTTTTTTTTTTTTTTTTTTTTTTT
354251 AAGCICITTA GITTAATTAA GICCCATTIG TCAATTITIG TITICATT 354301 AGTIGCCITT GGCATCITCA TCATGAGATC TITIGCCAGGC CCCATGIC 354351 GAATGGTATC TCCTATGITA TCTTCCAGGG ATTITATAGG TITIAGGTI 354401 ACATTTACAT CITTAATCCA TCTTGAGTIG ATTITIGTAT ATGATGTA 354451 GAAGGGGTCT AGTITCAATC TICTGTACAT GACTAGCCAA TTATCCCA 354501 ACCACTTACT GAATGGGGAG TCCTTGCTCT ATTGCTTGTT TTTGTTGA 354551 TTGTCAAAAC TCAGATAGTT GTAGGCATAT GGTCTTATTT CTGGGTTC 354601 TATTCTGTTC ATTGGTCTAT GTTTCTGTT TTGTACCAGT ATCGTGTT 354651 TTTTGGTTACT GTGGCCTTGT AGTGTAGTTT GAATTTGAGT AACATGAT 354701 CTCCAACTTT GTTCAGTTTG CTTAGGATTA TGTTGCCTAT TTGGGCTG 354751 TTTTGGTTTT GCATGAATTT TAAAATAGGTT TTTTCTAATT CTGTGGAG 354801 TGTCATTCGT AATTTGATAG GAATAGCACT GAATCTGTAA ATTACTTT 354851 GCAGTATGGC CATTTTAACA ATATTGATTT CTTCCTATCT GTGAGCAT 354901 AATGTTTTCT ATTTTTGTGGC TATTTGGAGT GGGATTGCAT TCCAGATT 354901 TATTTTATTA TTTTTGTGGC TATTGTGAGT GGGATTGCAT TCCAGATT 355051 GCTGTCAGCT TGGATGTTTT TGGTGTATATT CAATGCTACT GATTTTTGGT 355001 TATTTTATTA TTTTTGTGGC TATTGTGAGT GGGATTGCAT TCCAGATT 355001 CATTGATCTTT GTATCCTGAA ACTTTTACTG AAGTTATCAG ATCCAGGA
354301 AGTIGCCITT GGCATCITCA TCATGAGATC TTTGCCAGGC CCCATGTC 354351 GAATGGTATC TCCTATGTTA TCTTCCAGGG ATTITATAGG TTTAGGTT 354401 ACATTTACAT CITTAATCCA TCTTGAGTTG ATTITTGTAT ATGATGTA 354451 GAAGGGGTCT AGTITCAATC TTCTGTACAT GACTAGCCAA TTATCCCA 354501 ACCACTTACT GAATGGGGAG TCCTTGCTCT ATTGCTTGTT TTTGTTGA 354551 TTGTCAAAAC TCAGATAGTT GTAGGCATAT GGTCTTATTT CTGGGTTC 354601 TATTCTGTTC ATTGGTCTAT GTTTCTGTTT TTGTACCAGT ATCGTGTT 354651 TTTTGGTTACT GTGGCCTTGT AGTGTAGTTT GAATTTGAGT AACATGAT 354701 CTCCAACTTT GTTCAGTTTG CTTAGGATTA TGTTGCCTAT CTGTGAAC 354801 TGTCATTCGT AATTGATAG GAATAGGATT TTTTCTAATT CTGTGAAC 354801 TGTCATTCGT AATTTGATAG GAATAGCACT GAATCTGTAA ATTACTTT 354851 GCAGTATGGC CATTTTAACA ATATTGATTT CTTCCTATCT GTGAGCAT 354901 AATGTTTTCT ATTTTTGTGG CATCTTTGAT TTCTTCAGC AGTGCAT 354901 TATTTTATTA TTTTTGTGGC TATTGTGAGT GGGATTGCAT TCCAGATT 355001 TATTTTATTA TTTTTGTGGC TATTGTGAGT GGGATTGCAT TCCAGATT 355001 CATTGATCTTT GGATGTTTT TGGTGTATAT CAATGCTACT GATTTTTGGTGTATATTTTTTTTTT
354301 AGTIGCCITT GGCATCITCA TCATGAGATC TTTGCCAGGC CCCATGTC 354351 GAATGGTATC TCCTATGTTA TCTTCCAGGG ATTITATAGG TTTAGGTT 354401 ACATTTACAT CITTAATCCA TCTTGAGTTG ATTITTGTAT ATGATGTA 354451 GAAGGGGTCT AGTITCAATC TTCTGTACAT GACTAGCCAA TTATCCCA 354501 ACCACTTACT GAATGGGGAG TCCTTGCTCT ATTGCTTGTT TTTGTTGA 354551 TTGTCAAAAC TCAGATAGTT GTAGGCATAT GGTCTTATTT CTGGGTTC 354601 TATTCTGTTC ATTGGTCTAT GTTTCTGTTT TTGTACCAGT ATCGTGTT 354651 TTTTGGTTACT GTGGCCTTGT AGTGTAGTTT GAATTTGAGT AACATGAT 354701 CTCCAACTTT GTTCAGTTTG CTTAGGATTA TGTTGCCTAT CTGTGAAC 354801 TGTCATTCGT AATTGATAG GAATAGGATT TTTTCTAATT CTGTGAAC 354801 TGTCATTCGT AATTTGATAG GAATAGCACT GAATCTGTAA ATTACTTT 354851 GCAGTATGGC CATTTTAACA ATATTGATTT CTTCCTATCT GTGAGCAT 354901 AATGTTTTCT ATTTTTGTGG CATCTTTGAT TTCTTCAGC AGTGCAT 354901 TATTTTATTA TTTTTGTGGC TATTGTGAGT GGGATTGCAT TCCAGATT 355001 TATTTTATTA TTTTTGTGGC TATTGTGAGT GGGATTGCAT TCCAGATT 355001 CATTGATCTTT GGATGTTTT TGGTGTATAT CAATGCTACT GATTTTTGGTGTATATTTTTTTTTT
354351 GAATGGTATC TCCTATGTTA TCTTCCAGGG ATTITATAGG TTTAGGTT 354401 ACATTTACAT CITTAATCCA TCTTGAGTTG ATTITTGTAT ATGATGTA 354451 GAAGGGGTCT AGTTTCAATC TTCTGTACAT GACTAGCCAA TTATCCCA 354501 ACCACTTACT GAATGGGGAG TCCTTGCTCT ATTGCTTGTT TTTGTTGA 354551 TTTGTCAAAAC TCAGATAGTT GTAGGCATAT GGTCTTATTT CTGGGTTC 354601 TATTCTGTTC ATTGGTCTAT GTTTCTGTTT TTGTACCAGT ATCGTGTT 354651 TTTGGTTACT GTGCGCCTTGT AGTGTAGTTT GAATTTGAGT AACATGAT 354701 CTCCAACTTT GTTCAGTTTG CTTAGGATTA TGTTGCCTAT TTGGGCTC 354751 TTTTGGTTTT GCATGAATTT TAAAATAGTT TTTTCTAATT CTGTGAACT 354851 GCAGTATGGC CATTTTAACA ATATTGATTT CTTCCTATCT GTGAGCAT 354901 AATGTTTTCT ATTTTTGTGT CATCTCTTGTAT TTCTTCAGC AGTGTCAT 354901 TATTTTATTA TTTTTGTGGC TATTTGGAGT GGGATTGCAT TCCAGATT 355001 TATTTTATTA TTTTTGTGGC TATTTGTGAGT GAATCTTACG 355001 TATTTTATTA TTTTTGTGGC TATTTGTGAGT GGGATTGCAT TCCAGATT 355010 CATTGATTTT GTATCCTGAA ACTTTTACTG AAGTTATCAG ATCCAGGA
354401 ACATITACAT CITTAATCCA TCTTGAGTTG ATTITTGTAT ATGATGTA 354451 GAAGGGGTCT AGTITCAATC TICTGTACAT GACTAGCCAA TTATCCCA 354501 ACCACITACT GAATGGGGAG TCCTTGCTCT ATTGCTTGTT TITTGTTGA 354551 TTTGTCAAAAC TCAGATAGTT GTAGGCATAT GGTCTTATTT CTGGGTTC 354601 TATTCTGTTC ATTGGTCTAT GTTTCTGTTT TTGTACCAGT ATCGTGTT 354651 TTTGGTTACT GTGGCCTTGT AGTGTAGTTT GAATTTGAGT AACATGAT 354701 CTCCAACTTT GTTCAGTTTG CTTAGGATTA TGTTGCCTAT TTGGGCTC 354751 TTTTGGTTTT GCATGAATTT TAAAATAGTT TTTTCTAATT CTGTGAACT 354801 TGTCATTCGT AATTTGATAG GAATAGCACT GAATCTGTAA ATTACTTT 354851 GCAGTATGGC CATTTTAACA ATATTGATTT CTTCCTATCT GTGAGCAT 354901 AATGTTTTCT ATTTTTGTGT CATCTTCTTGT TTCCTATCT GTGAGCAT 354901 TATTTTATTA TTTTTGTGGC TATTGTGAGT GGGATTGCAT TCCAGATT 355001 TATTTTATTA TTTTTGTGGC TATTGTGAGT GGGATTGCAT TCCAGATT 355010 CATTGATTTT GTATCCTGAA ACTTTTACTG AAGTTATCAG ATCCAGGA
354451 GAAGGGGICT AGITICAATC TICTGIACAT GACTAGCCAA TTATCCCA 354501 ACCACITACT GAATGGGGAG TCCTTGCTCT ATTGCTTGTT TITTGITGA 354551 TTGTCAAAAC TCAGATAGTT GTAGGCATAT GGTCTTATTT CTGGGTTC 354601 TATTCIGTTC ATTGGTCTAT GTTTCIGTTT TIGTACCAGT ATCGTGTT 354651 TTTGGTTACT GTGGCCTTGT AGTGTAGTTT GAATTTGAGT AACATGAT 354701 CTCCAACTTT GTTCAGTTTG CTTAGGATTA TGTTGGCTAT TTGGGCTC 354751 TTTTGGTTTT GCATGAATTT TAAAATAGTT TTTTCTAATT CTGTGAAG 354801 TGCCATTCGT AATTTGATAG GAATAGCACT GAATCTGTAA ATTACTTT 354851 GCAGTATGGC CATTTTAACA ATATTGATTT CTTCCTATCT GTGAGCAT 354901 AATGTTTTCT ATTTTTGTGT CATCTCTTTGT TTCTTCAGC AGTGTCAT 354901 TATTTTATTA TTTTTGTGGC TATTGTGAGT GGGATTGCAT TCCAGATT 355001 TATTTTATTA TTTTTGTGGC TATTGTGAGT GAGCTTACT GATTTTTG 355101 CATTGATTTT GTATCCTGAA ACTTTTACTG AAGTTATCAG ATCCAGGA
354501 ACCACITACT GAATGGGAG TCCTTGCTCT ATTGCTTGTT TTTGTTGA 354551 TTGTCAAAAC TCAGATAGTT GTAGGCATAT GGTCTTATTT CTGGGTTC 354601 TATTCTGTTC ATTGGTCTAT GTTTCTGTTT TTGTACCAGT ATCGTGTT 354651 TTTGGTTACT GTGGCCTTGT AGTGTAGTTT GAATTTGAGT AACATGAT 354701 CTCCAACTTT GTTCAGTTTG CTTAGGATTA TGTTGGCTAT TTGGGCTC 354751 TTTTGGTTTT GCATGAATTT TAAAATAGTT TTTTCTAATT CTGTGAAG 354801 TGTCATTCGT AATTTGATAG GAATAGCACT GAATCTGTAA ATTACTTT 354851 GCAGTATGGC CATTTTAACA ATATTGATTT CTTCCTATCT GTGAGGCAT 354901 AATGTTTTCT ATTTTTGTT CACCTCCTTG GTAGGCATA TTCTTAGG 355001 TATTTTATTA TTTTTGTGGC TATTGTGAGT GGGATTGCAT TCCAGATT 355051 GCTGTCAGCT TGGATGTTTT TGGTGTATAT CAATGCTACT GATTTTTG 355101 CATTGATTTT GTATCCTGAA ACTTTTACTG AAGTTATCAG ATCCAGGA
354551 TTGTCAAAAC TCAGATAGTT GTAGGCATAT GGTCTTATTT CTGGGTTC 354601 TATTCIGTTC ATTGGTCTAT GTTTCIGTTT TTGTACCAGT ATCGTGTT 354651 TTTGGTTACT GTGGCCTTGT AGTGTAGTTT GAATTTGAGT AACATGAT 354701 CTCCAACTTT GTTCAGTTTG CTTAGGATTA TGTTGGCTAT TTGGGCTC 354751 TTTTGGTTTT GCATGAATTT TAAAATAGTT TTTTCTAATT CTGTGAAG 354801 TGTCATTCGT AATTTGATAG GAATAGCACT GAATCTGTAA ATTACTTT 354851 GCAGTATGGC CATTTTAACA ATATTGATTT CTTCCTATCT GTGAGGCAT 354901 AATGTTTTCT ATTTTTGTT CACCTCCTTG GTTAGGCCATA TTCTTTAGG 355001 TATTTTATTA TTTTTGTGGC TATTGTGAGT GGGATTGCAT TCCAGATT 355051 GCTGTCAGCT TGGATGTTTT TGGTGTATAT CAATGCTACT GATTTTTG 355101 CATTGATTTT GTATCCTGAA ACTTTTACTG AAGTTATCAG ATCCAGGA
354601 TATTCIGTTC ATTIGGICIAT GITTCIGTTT TIGTACCAGT ATCGIGTT 354651 TITTGGITACT GIGGCCTTGT AGTGTAGTTT GAATTTGAGT AACATGAT 354701 CTCCAACTTT GITCAGTTTG CTTAGGATTA TIGTGCCTAT TIGGGCTC 354751 TITTGGTTTT GCATGAATTT TAAAATAGTT TITTCTAATT CTGTGAAG 354801 TIGTCATTCGT AATTTGATAG GAATAGCACT GAATCIGTAA ATTACTTT 354851 GCAGTATGGC CATTTTAACA ATATTGATTT CTTCCTATCT GTGAGGCAT 354901 AATGTTTTCT ATTTTTGTGT CATCTCTTGAT TICTTCAGC AGTGTCAT 354951 TICTCCTTGT AGACATCTTT CACCTCCTTG GTAGGCCATA TICTTAGG 355001 TATTTTATTA TITTTGTGGC TATTGTGAGT GGGATTGCAT TICCAGATT 355051 GCTGTCAGCT TIGGATGTTTT TIGGTGTATATT CAATGCTACT GATTTTTG 355101 CATTGATTTT GTATCCTGAA ACTTTTACTG AAGTTATCAG ATCCAGGA
354651 TITIGGITACT GIGGCCTIGT AGTGTAGTTT GAATTIGAGT AACATGAT 354701 CTCCAACTTT GITCAGTTIG CITAGGATTA TIGTIGGCTAT TIGGGCTC 354751 TITTIGGTTTT GCATGAATTT TAAAATAGTT TITTICTAATT CTGTGAAG 354801 TIGTCATTCGT AATTIGATAG GAATAGCACT GAATCIGTAA ATTACTTT 354851 GCAGTATGGC CATTITAACA ATATTGATTT CTTCCTATCT GIGAGCAT 354901 AATGITTICT ATTITTIGT CATCITTIGAT TICTITCAGC AGTGTCAT 354951 TICTCCTTIGT AGACATCTTT CACCTCCTTIG GITAGCCATA TICTITAGG 355001 TATTITATTA TITTIGTIGGC TATTGTGAGT GGGATTGCAT TICCAGATT 355051 GCTGTCAGCT TIGGATGTTTT TIGGTGTATATT CAATGCTACT GATTTTTG 355101 CATTGATTTT GTATCCTGAA ACTTTTACTG AAGTTATCAG ATCCAGGA
354651 TITIGGITACT GIGGCCTIGT AGTGTAGTTT GAATTIGAGT AACATGAT 354701 CTCCAACTTT GITCAGTTIG CITAGGATTA TIGTIGGCTAT TIGGGCTC 354751 TITTIGGTTTT GCATGAATTT TAAAATAGTT TITTICTAATT CTGTGAAG 354801 TIGTCATTCGT AATTIGATAG GAATAGCACT GAATCIGTAA ATTACTTT 354851 GCAGTATGGC CATTITAACA ATATTGATTT CTTCCTATCT GIGAGCAT 354901 AATGITTICT ATTITTIGT CATCITTIGAT TICTITCAGC AGTGTCAT 354951 TICTCCTTIGT AGACATCTTT CACCTCCTTIG GITAGCCATA TICTITAGG 355001 TATTITATTA TITTIGTIGGC TATTGTGAGT GGGATTGCAT TICCAGATT 355051 GCTGTCAGCT TIGGATGTTTT TIGGTGTATATT CAATGCTACT GATTTTTG 355101 CATTGATTTT GTATCCTGAA ACTTTTACTG AAGTTATCAG ATCCAGGA
354701 CTCCAACTIT GTTCAGTTIG CTTAGGATTA TGTTGGCTAT TTGGGCTC 354751 TTTTGGTTTT GCATGAATTT TAAAATAGTT TTTTCTAATT CTGTGAAG 354801 TGTCATTCGT AATTTGATAG GAATAGCACT GAATCTGTAA ATTACTTT 354851 GCAGTATGGC CATTTTAACA ATATTGATTT CTTCCTATCT GTGAGCAT 354901 AATGTTTCT ATTTTTTGTGT CATCTTTGAT TTCTTCAGC AGTGTCAT 354951 TTCTCCTTGT AGACATCTTT CACCTCCTTG GTTAGCCATA TTCTTAGG 355001 TATTTTATTA TTTTTGTGGC TATTGTGAGT GGGATTGCAT TCCAGATT 355051 GCTGTCAGCT TGGATGTTTT TGGTGTATAT CAATGCTACT GATTTTTG 355101 CATTGATTTT GTATCCTGAA ACTTTTACTG AAGTTATCAG ATCCAGGA
354751 TTTTGTTTT GCATGAATTT TAAAATAGTT TTTTCTAATT CTGTGAAG 354801 TGTCATTCGT AATTTGATAG GAATAGCACT GAATCTGTAA ATTACTTT 354851 GCAGTATGGC CATTTTAACA ATATTGATTT CTTCCTATCT GTGAGCAT 354901 AATGTTTTCT ATTTTTGTGT CATCTTTGAT TTCTTTCAGC AGTGTCAT 354951 TTCTCCTTGT AGACATCTTT CACCTCCTTG GTTAGCCATA TTCTTAGG 355001 TATTTTATTA TTTTTGTGGC TATTGTGAGT GGGATTGCAT TCCAGATT 355051 GCTGTCAGCT TGGATGTTTT TGGTGTATAT CAATGCTACT GATTTTTG 355101 CATTGATTTT GTATCCTGAA ACTTTTACTG AAGTTATCAG ATCCAGGA
354801 TGTCATTCGT AATTTGATAG GAATAGCACT GAATCTGTAA ATTACTTT 354851 GCAGTATGGC CATTTTAACA ATATTGATTT CITCCTATCT GTGAGCAT 354901 AATGTTTTCT ATTTTTGTGT CATCTTTGAT TICTTTCAGC AGTGTCAT 354951 TTCTCCTTGT AGACATCTTT CACCTCCTTG GTTAGCCATA TICTTAGG 355001 TATTTTATTA TTTTTGTGGC TATTGTGAGT GGGATTGCAT TCCAGATT 355051 GCTGTCAGCT TGGATGTTTT TGGTGTATAT CAATGCTACT GATTTTTG 355101 CATTGATTTT GTATCCTGAA ACTTTTACTG AAGTTATCAG ATCCAGGA
354851 GCAGTATGGC CATTITAACA ATATTGATTT CITCCTATCT GTGAGCAT 354901 AATGTTTTCT ATTITTGTGT CATCITTGAT TICTTCAGC AGTGTCAT 354951 TTCTCCTTGT AGACATCTTT CACCTCCTTG GTTAGCCATA TICTTAGG 355001 TATTTTATTA TTTTTGTGGC TATTGTGAGT GGGATTGCAT TCCAGATT 355051 GCTGTCAGCT TGGATGTTTT TGGTGTATAT CAATGCTACT GATTTTTG 355101 CATTGATTTT GTATCCTGAA ACTTTTACTG AAGTTATCAG ATCCAGGA
354901 AATGITTICT ATTITTGTGT CATCITTGAT TICTTCAGC AGTGTCAT 354951 TICTCCTTGT AGACATCTTT CACCICCTTG GITAGCCATA TICTTAGG 355001 TATTITATTA TITTTGTGGC TATTGTGAGT GGGATTGCAT TCCAGATT 355051 GCTGTCAGCT TGGATGTTTT TGGTGTATAT CAATGCTACT GATTTTTG 355101 CATTGATTTT GTATCCTGAA ACTTTTACTG AAGTTATCAG ATCCAGGA
354951 TTCTCCTTGT AGACATCTTT CACCTCCTTG GTTAGCCATA TTCTTAGG 355001 TATTTTATTA TTTTTGTGGC TATTGTGAGT GGGATTGCAT TCCAGATT 355051 GCTGTCAGCT TGGATGTTTT TGGTGTATAT CAATGCTACT GATTTTTG 355101 CATTGATTTT GTATCCTGAA ACTTTTACTG AAGTTATCAG ATCCAGGA
355001 TATTITATTA TITTIGIGGC TATIGIGAGT GGGATIGCAT TCCAGATI 355051 GCTGTCAGCT TGGATGTTTT TGGTGTATAT CAATGCTACT GATTITIG 355101 CATIGATTTT GTATCCTGAA ACTITIACTG AAGTTATCAG ATCCAGGA
355001 TATTITATTA TITTIGIGGC TATIGIGAGT GGGATIGCAT TCCAGATI 355051 GCTGTCAGCT TGGATGTTTT TGGTGTATAT CAATGCTACT GATTITIG 355101 CATIGATTTT GTATCCTGAA ACTITIACTG AAGTTATCAG ATCCAGGA
355051 GCTGTCAGCT TGGATGTTTT TGGTGTATAT CAATGCTACT GATTTTTG 355101 CATTGATTTT GTATCCTGAA ACTTTTACTG AAGTTATCAG ATCCAGGA
355101 CATTGATTTT GTATCCTGAA ACTTTTACTG AAGTTATCAG ATCCAGGA
255151 TTTTCCCCTC ACACTATCCG CCTTTTCTAG ATATAGAATC ATGTTGTC
355201 CAAACAGGGA TAGTTTGACT TTGTCTCTTC CTATTTGGAT ATCTTATT
355251 TTCCTCCTGC CTGATTTCTC TGGCTAGGAC TTCCAGTACT ATGCTGAG
355301 GGAGTAGTGA GAGAGGGCAT TCTGGTCTTG TGCTGTTTTT CAAGGAGA
355351 GCTTCCATCT TTTGCCCCATT CAGTATGATG TTGGTTGTGG GTTTGTCA
355401 GATGGCTCTT ATTATTTTGA AGTTTGTTCC TTCCATGCCT GGTTTATT
355451 GGGTTTTTA AATGAAGCAT TGTTGAATTT TATCAAAAAC GTTTTCTG
355501 TCTATTGACA TAATCATGTT TTTGTTTTTA GCTCTGTTTA TAGGATTA
355501 ICIATIONAL PARTICIPATA TOTAL AND TOTAL CANCELLA
355551 CACATITATT GATTIGTATA TGCTGAACCA AACTIGCATT CCAGGGAT
355601 AGCCTACTTG ATCATGGTGG ATTTGCTTTT TCTTGTGCTA CTGGATTC
355651 TITIGCTAGTA TITTIGTTGAG GATTTTTIGTA TCGATGTCTA TCAAGTAT
355701 TGGCCTTAAG TTTTCTTTT TTGTTGTGTT TCTGCCAGGT TTGGGTAT
355751 CAATGATGCT GGCCTCATAG AACGAGTTGG AGAGGGATCC CTCCTCCC
355801 ATTITITIGGA ATAGITTICAG TAGGAATIGGT ACCAGCTICTT CTTTATAC
355851 CTGGTAGAAT TCTGTCTGGT CCTGGGCTTT TCTTGGTTGG TAGGCTTT
355901 TATTACTICAT TOGGETTIAG AACTIGITAT TIGGICIGITIC AGGGATTO
355951 TITICITAGGT TCAGTCTTGG GAGGTTGTAT TTGTCCAGGA ATTTATCA
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356001 TTATTCTAGA TCTTCTAGTT TGTATGCATA GAGGTCTTCA TAGTACTC 356051 TGAGAGCTTT TTTTATGTCT GTGGGATCGG TGGTAATGTC CCCTTTGT 356101 TTTCTAATTG TGTTTATTTG GATCTTCTTT CTTTTTATTA GTCTAGCT 356151 CAGTCTATCT GTCTTAATTT TTTCAAAGAA GCTACTCCTG GATTCATT
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356001 TTATICTAGA TCTTCTAGTT TGTATGCATA GAGGICTICA TAGTACTO 356051 TGAGAGCTTT TTTTATGTCT GTGGGATCGG TGGTAATGTC CCCTTTGT 356101 TTTCTAATTG TGTTTATTTG GATCTTCTTT CTTTTTATTA GTCTAGCT 356151 CAGTCTATCT GTCTTAATTT TTTCAAAGAA GCTACTCCTG GATTCATT 356201 CCTTTTGTAT GGTTTTTCAT ATCTCAGTTT CCTTCAGTTC AGCTCTCA 356251 TTGGTGATTT CTTGTCTTCT GCAACCTTTG GGATTTGTTT GCTCTTGA
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356001 TTATICTAGA TCTTCTAGTT TGTATGCATA GAGGICTICA TAGTACTO 356051 TGAGAGCTTT TTTTATGTCT GTGGGATCGG TGGTAATGTC CCCTTTGT 356101 TTTCTAATTG TGTTTATTTG GATCTTCTTT CTTTTTATTA GTCTAGCT 356151 CAGTCTATCT GTCTTAATTT TTTCAAAGAA GCTACTCCTG GATTCATT 356201 CCTTTTGTAT GGTTTTTCAT ATCTCAGTTT CCTTCAGTTC AGCTCTCA 356251 TTGGTGATTT CTTGTCTTCT GCAACCTTTG GGATTTGTT GCTCTTGA 356301 CTCTATTTCT TCTGGTTGTG ATAGGAGGTT GTTAATTTGA GATCTTGC 356351 ACTCTTTGAT GTGAGCTTTT AATGCTATGA ACTTCCCTCT CAACACTG
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356001 TTATICTAGA TCTTCTAGTT TGTATGCATA GAGGICTICA TAGTACTO 356051 TGAGAGCTTT TTTTATGTCT GTGGGATCGG TGGTAATGTC CCCTTTGT 356101 TTTCTAATTG TGTTTATTTG GATCTTCTTT CTTTTATTA GTCTAGCT 356151 CAGTCTATCT GTCTTAATTT TTTCAAAGAA GCTACTCCTG GATTCATT 356201 CCTTTTGTAT GGTTTTTCAT ATCTCAGTTT CCTTCAGTTC AGCTCTCA 356301 CTCTATTTCT TCTGGTTGTG ATAGGAGGTT GTTAATTTGA GATCTTGC 356351 ACTCTTTGAT GTGAGCTTTT AATGCTATGA ACTTCCCTCT CAACACTC 356401 TTAGGGGTGT CCCAGAGATT CAGGTATGTT GATCTTTGT TCTCATTA 356451 TTCAAAGAAT TTCTTGATGT CTGCCCTAAT TTCATCATTT ACCCAAAA
356001 TTATICTAGA TCTTCTAGTT TGTATGCATA GAGGICTICA TAGTACTO 356051 TGAGAGCTTT TTTTATGTCT GTGGGATCGG TGGTAATGTC CCCTTTGT 356101 TTTCTAATTG TGTTTATTTG GATCTTCTTT CTTTTATTA GTCTAGCT 356151 CAGTCTATCT GTCTTAATTT TTTCAAAGAA GCTACTCCTG GATTCATT 356201 CCTTTTGTAT GGTTTTTCAT ATCTCAGTTT CCTTCAGTTC AGCTCTCA 356301 CTCTATTTCT TCTGGTTGTG ATAGGAGGTT GTTAATTTGA GATCTTGC 356351 ACTCTTTGAT GTGAGCTTTT AATGCTATGA ACTTCCCTCT CAACACTC 356401 TTAGCGGTGT CCCAGAGATT CAGGTATGTT GTATCTTTGT TCTCATTA 356451 TTCAAAGAAT TTCTTGATGT CTGCCCTAAT TTCATCATTT ACCCAAAA 356501 CACTTGGGAG CAGGTTGTTT AATTTCCATC TAATTGTATG GTTTTAGC
356001 TTATICTAGA TCTTCTAGTT TGTATGCATA GAGGICTICA TAGTACTO 356051 TGAGAGCTTT TTTTATGTCT GTGGGATCGG TGGTAATGTC CCCTTTGT 356101 TTTCTAATTG TGTTTATTTG GATCTTCTTT CTTTTATTA GTCTAGCT 356151 CAGTCTATCT GTCTTAATTT TTTCAAAGAA GCTACTCCTG GATTCATT 356201 CCTTTTGTAT GGTTTTCAT ATCTCAGTTT CCTTCAGTTC AGCTCTCA 356301 CTCTATTTCT TCTGGTTGTG ATAGGAGGTT GTTAATTTGA GATCTTGG 356351 ACTCTTGAT GTGAGCTTTT AATGCTATGA ACTTCCCTCT CAACACTC 356401 TTAGGGGTGT CCCAGAGATT CAGGTATGTT GTATCTTTGT TCTCATTA 356451 TTCAAAGAAT TTCTTGATGT CTGCCCTAAT TTCATCATTT ACCCAAAA 356501 CACTTGGGAG CAGGTTGTT AATTTCATC TAATTGTATG GTTTTTAGC 356551 TTTTCTTGAT ATTGGTTTCT ATTTTATTGT CTTTTGCCTT AATTTTCA
356001 TTATICTAGA TCTTCTAGTT TGTATGCATA GAGGICTICA TAGTACTO 356051 TGAGAGCTTT TTTTATGTCT GTGGGATCGG TGGTAATGTC CCCTTTGT 356101 TTTCTAATTG TGTTTATTTG GATCTTCTTT CTTTTATTA GTCTAGCT 356151 CAGTCTATCT GTCTTAATTT TTTCAAAGAA GCTACTCCTG GATTCATT 356201 CCTTTTGTAT GGTTTTCAT ATCTCAGTTT CCTTCAGTTC AGCTCTCA 356301 CTCTATTTCT TCTGGTTGTG ATAGGAGGTT GTTAATTTGA GATCTTGG 356351 ACTCTTGAT GTGAGCTTTT AATGCTATGA ACTTCCCTCT CAACACTC 356401 TTAGGGGTGT CCCAGAGATT CAGGTATGTT GTATCTTTGT TCTCATTA 356451 TTCAAAGAAT TTCTTGATGT CTGCCCTAAT TTCATCATTT ACCCAAAA 356501 CACTTGGGAG CAGGTTGTT AATTTCATC TAATTGTATG GTTTTTAGC 356551 TTTTCTTGAT ATTGGTTTCT ATTTTATTGT CTTTTGCCTT AATTTTCA
356001 TTATICTAGA TCTTCTAGTT TGTATGCATA GAGGICTICA TAGTACTO 356051 TGAGAGCTTT TTTTATGTCT GTGGGATCGG TGGTAATGTC CCCTTTGT 356101 TTTCTAATTG TGTTTATTTG GATCTTCTTT CTTTTTATTA GTCTAGCT 356151 CAGTCTATCT GTCTTAATTT TTTCAAAGAA GCTACTCCTG GATTCATT 356201 CCTTTTGTAT GGTTTTCAT ATCTCAGTTT CCTTCAGTTC AGCTCTCA 356301 CTCTATTTCT TCTGGTTGTG ATAGGAGGTT GTTAATTTGA GATCTTGC 356351 ACTCTTTGAT GTGAGCTTTT AATGCTATGA ACTTCCCTCT CAACACTTG 356401 TTAGGGGTGT CCCAGAGATT CAGGTATGTT GTATCTTTGTT TCTCATTGT 356451 TTCAAAGAAT TTCTTGATGT CTGCCCTAAT TTCATCATTT ACCCAAAA 356501 CACTTGGGAG CAGGTTGTT AATTTCATC TAATTGTATG GTTTTAGC 356551 TTTTCTTGAT ATTTGGTTTCT ATTTTATTGT CTTTTGCCTT AATTTTCA 356601 TATGAAAATA TAAAAAATAT AAATATAATG CATGTGATAA ATGCATGA
356001 TTATICTAGA TCTTCTAGTT TGTATGCATA GAGGICTICA TAGTACTO 356051 TGAGAGCTTT TTTTATGTCT GTGGGATCGG TGGTAATGTC CCCTTTGT 356101 TTTCTAATTG TGTTTATTTG GATCTTCTTT CTTTTATTA GTCTAGCT 356151 CAGTCTATCT GTCTTAATTT TTTCAAAGAA GCTACTCCTG GATTCATT 356201 CCTTTTGTAT GGTTTTTCAT ATCTCAGTTT CCTTCAGTTC AGCTCTCA 356301 CTCTATTTCT TCTGGTTGTG ATAGGAGGTT GTTAATTTGA GATCTTGC 356351 ACTCTTTGAT GTGAGCTTTT AATGCTATGA ACTTCCCTCT CAACACTC 356401 TTAGGGGTGT CCCAGAGATT CAGGTATGTT GTATCTTTTGT 356501 CACTTGGAG CAGGTTGTTT AATTTCATCT TAATTGTATTG GTTTTAGC 356551 TTTCTTGGAT ATTTCTTCATTT ACCCAAAA 356601 TATGAAAATA TAAAAAAATAT AAATATAATG CATGTGATAA ATGCATGA 356601 TATGAAAATA TAAAAAAATAT AAATATAATG CATGTGATAA ATGCATGA 356651 TACAATACTG ATGCTTTTC TTTTGGTATGT ACATTCCAGA AATTAGTT
356001 TTATICTAGA TCTTCTAGTT TGTATGCATA GAGGICTICA TAGTACTO 356051 TGAGAGCTTT TTTTATGTCT GTGGGATCGG TGGTAATGTC CCCTTTGT 356101 TTTCTAATTG TGTTTATTTG GATCTTCTTT CTTTTTATTA GTCTAGCT 356151 CAGTCTATCT GTCTTAATTT TTTCAAAGAA GCTACTCCTG GATTCATT 356201 CCTTTTGTAT GGTTTTCAT ATCTCAGTTT CCTTCAGTTC AGCTCTCA 356251 TTGGTGATTT CTTGTCTTCT GCAACCTTTG GGATTTGTTT GCTCTTGA 356301 CTCTATTTCT TCTGGTTGTG ATAGGAGGTT GTTAATTTGA GATCTTGC 356351 ACTCTTTGAT GTGAGCTTTT AATGCTATGA ACTTCCCTCT CAACACTG 356401 TTAGCGGTGT CCCAGAGATT CAGGTATGTT GTATCTTTTTT TCTCATTA 356501 CACTTGGGAG CAGGTTGTTT AATTTCATCT TAATTGTATTG GTTTTAGC 356601 TATGAAAATA TTAAAAAATAT AAATATAATG CATGTGCTT AATTTTCC 356601 TATGAAAATA TAAAAAATAT AAATATAATG CATGTGGATAA ATGCATGA 356701 GTTTACACAT TAGGGTGAGT CATGTGCTGA GCCTTTAAGG GGAAATTT
356001 TTATICTAGA TCTTCTAGTT TGTATGCATA GAGGICTICA TAGTACTO 356051 TGAGAGCTTT TTTTATGTCT GTGGGATCGG TGGTAATGTC CCCTTTGT 356101 TTTCTAATTG TGTTTATTTG GATCTTCTTT CTTTTTATTA GTCTAGCT 356151 CAGTCTATCT GTCTTAATTT TTTCAAAGAA GCTACTCCTG GATTCATT 356201 CCTTTTGTAT GGTTTTCAT ATCTCAGTTT CCTTCAGTTC AGCTCTCA 356251 TTGGTGATTT CTTGTCTTCT GCAACCTTTG GGATTTGTTT GCTCTTGA 356301 CTCTATTTCT TCTGGTTGTG ATAGGAGGTT GTTAATTTGA GATCTTGC 356351 ACTCTTTGAT GTGAGCTTTT AATGCTATGA ACTTCCCTCT CAACACTG 356451 TTCAAAGAAT TTCTTGATGT CTGCCCTAAT TTCATCATTT ACCCAAAA 356501 CACTTGGGAG CAGGTTGTTT AATTTCCATC TAATTTGATTT ACCCAAAA 356501 TTTCTTGGAT ATTTGGTTTCT ATTTTATTGT CTTTTTGATTATATTTTATGATTATTTTATGATTATTTTATGATTATT
356001 TTATICTAGA TCTTCTAGTT TGTATGCATA GAGGICTICA TAGTACTO 356051 TGAGAGCTTT TTTTATGTCT GTGGGATCGG TGGTAATGTC CCCTTTGT 356101 TTTCTAATTG TGTTTATTTG GATCTTCTTT CTTTTTATTA GTCTAGCT 356151 CAGTCTATCT GTCTTAATTT TTTCAAAGAA GCTACTCCTG GATTCATT 356201 CCTTTTGTAT GGTTTTCAT ATCTCAGTTT CCTTCAGTTC AGCTCTCA 356301 CTCTATTTCT TCTGGTTGTG ATAGGAGGTT GTTAATTTGA GATCTTCC 356351 ACTCTTTGAT GTGAGCTTTT AATGCTATGA ACTTCCCTC CAACACTC 356401 TTAGGGGTGT CCCAGAGATT CAGGTATGTT GTATCTTTGT TCTCATTA 356451 TTCAAAGAAT TTCTTGATGT CTGCCCTAAT TTCATCATTT ACCCAAAA 356501 CACTTGGGAG CAGGTTGTTT AATTTCCATC TAATTGTATG GTTTTAGC 356601 TATGAAAATA TAAAAAAATAT AAATATAATG CATGTGATAA ATGCATGA 356601 TACAATACTG ATGCTTTTCT TTTTGGTATGT CACTTCAGGA AATTAGTT 356701 GTTTACACAT TAGGGTGAGT CATGTGCTGA ACCTTTAAGG GGAAATTT 356751 AACCTTAATC TGTATATTTC TAACGTAAAT GGCACCATAT ATCTCTAGA
356001 TTATICTAGA TCTTCTAGTT TGTATGCATA GAGGICTICA TAGTACTO 356051 TGAGAGCTTT TTTTATGTCT GTGGGATCGG TGGTAATGTC CCCTTTGT 356101 TTTCTAATTG TGTTTATTTG GATCTTCTTT CTTTTATTA GTCTAGCT 356151 CAGTCTATCT GTCTTAATTT TTTCAAAGAA GCTACTCCTG GATTCATT 356201 CCTTTTGTAT GTTTTTCAT ATCTCAGTTT CCTTCAGTTC AGCTCTCA 356301 CTCTATTTCT TCTGGTTGTG ATAGGAGGTT GTAATTTGA GATCTTCC 356351 ACTCTTTGAT GTGAGCTTTT AATGCTATGA ACTTCCCTC CAACACTC 356401 TTAGCGGTGT CCCAGAGATT CAGGTATGTT GTATCTTTGT TCTCATTA 356451 TTCAAAGAAT TTCTTGATGT CTGCCCTAAT TTCATCATTT ACCCAAAA 356501 CACTTGGGAG CAGGTTGTTT AATTTCCATC TAATTGTATG GTTTTAGC 356601 TATGAAAATA TAAAAAATAT AAATATAATG CATGTGATAA ATGCATGA 356601 TATGAAAATA TAAAAAATAT AAATATAATG CATGTGATAA ATGCATGA 356701 GTTTACACAT TAGGGTGAGT CATGTGCTGA GCCCTTTAAGG GGAAATTT 356751 AACCTTAATC TGTATATTTC TTAGGTACAA GCCCCATAT ATCTCTACG 356801 CACAGTAATA GACCCCAGAA TTTAGGACCA TGTCAAAGAA ATCTGAAA 356851 TTTTAATTTT TCTCCTACTG TGAGTTTGCT TCATCTCTAC TTGAAAAA
356001 TTATICTAGA TCTTCTAGTT TGTATGCATA GAGGICTICA TAGTACTO 356051 TGAGAGCTTT TTTTATGTCT GTGGGATCGG TGGTAATGTC CCCTTTGT 356101 TTTCTAATTG TGTTTATTTG GATCTTCTTT CTTTTATTA GTCTAGCT 356151 CAGTCTATCT GTCTTAATTT TTTCAAAGAA GCTACTCCTG GATTCATT 356201 CCTTTTGTAT GGTTTTTCAT ATCTCAGTTT CCTTCAGTTC AGCTCTCA 356251 TTGGGGATTT CTTGGTTGTG GCAACCTTTG GGATTTGTT GCTCTTCA 356301 CTCTATTTCT TCTGGTTGTG ATAGGAGGTT GTAATTTGA GATCTTCC 356351 ACTCTTTGAT GTGAGCTTTT AATGCTATGA ACTTCCCTCT CAACACTC 356401 TTAGGGGTGT CCCAGAGATT CAGGTATGTT GTATCTTTGT TCTCATTAT 356451 TTCAAAGAAT TTCTTGATGT CTGCCCTAAT TTCATCATTT ACCCAAAA 356501 CACTTGGGAG CAGGTTGTTT AATTTCCATC TAATTGTATG GTTTTAGC 356601 TATGAAAATA TAAAAAATAT AAATATAATG CATGTGATAA ATGCATGA 356601 TATGAAAATA TAAGAAATAT AAATATAATG CATGTGATAA ATGCATGA 356601 GCCAGTAATA GACCCCAGAA TTTAGGACCA TGTCAAGAA ATCTGAAA 356801 CACAGTAATA GACCCCAGAA TTTAGGACCA TGTCAACGAA ATCTGAAA 356801 CACAGTAATA GACCCCAGAA TTTAGGACCA TGTCAACGAA ATCTGAAA 356801 CACAGTATTT TCTCCTACTG TGAGTTTGCT TCATCTCTAC TTGAAAAA 356801 CACAGTATTT TCTCCTACTG TGAGTTTGCT TCATCTCTAC TTGAAAA 356801 CACAGTATTT TTTAGGCCAG GCGCGGTGGC TCATGCCTGT AATCCCAG
356001 TTATICTAGA TCTTCTAGTT TGTATGCATA GAGGICTICA TAGTACTO 356051 TGAGAGCTTT TTTTATGTCT GTGGGATCGG TGGTAATGTC CCCTTTGT 356101 TTTCTAATTG TGTTTATTTG GATCTTCTTT CTTTTATTA GTCTAGCT 356151 CAGTCTATCT GTCTTAATTT TTTCAAAGAA GCTACTCCTG GATTCATT 356201 CCTTTTGTAT GTTTTTCAT ATCTCAGTTT CCTTCAGTTC AGCTCTCA 356301 CTCTATTTCT TCTGGTTGTG ATAGGAGGTT GTAATTTGA GATCTTCC 356351 ACTCTTTGAT GTGAGCTTTT AATGCTATGA ACTTCCCTC CAACACTC 356401 TTAGCGGTGT CCCAGAGATT CAGGTATGTT GTATCTTTGT TCTCATTA 356451 TTCAAAGAAT TTCTTGATGT CTGCCCTAAT TTCATCATTT ACCCAAAA 356501 CACTTGGGAG CAGGTTGTTT AATTTCCATC TAATTGTATG GTTTTAGC 356601 TATGAAAATA TAAAAAATAT AAATATAATG CATGTGATAA ATGCATGA 356601 TATGAAAATA TAAAAAATAT AAATATAATG CATGTGATAA ATGCATGA 356701 GTTTACACAT TAGGGTGAGT CATGTGCTGA GCCCTTTAAGG GGAAATTT 356751 AACCTTAATC TGTATATTTC TTAGGTACAA GCCCCATAT ATCTCTACG 356801 CACAGTAATA GACCCCAGAA TTTAGGACCA TGTCAAAGAA ATCTGAAA 356851 TTTTAATTTT TCTCCTACTG TGAGTTTGCT TCATCTCTAC TTGAAAAA

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357001	AGCCTGGCCA	ACATGGTGAA	ACCCCATCTC	TACTAAAAAT	ACAAAAATGA
257051	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	GTGGCAGGCA	CCTCTAATICC	CACCTICACCC	TOCOCCAAGG
22\02T	GUGGGG	GIGGOAGGA	CIGIMIC	CARCIGARY	100000
357101	AAATCACTTG	AACTCAGGAG	GCAGAGGTTG	CAGTGAGCCA	GGATCATGCC
257151	ACCCCACTCC	AGCCTGGGTG	ACAGAGCAAG	ACTICCATICTIC	ΔΔΔΔΔΔ
33/131	AUGUSTICE		74 ATT AT A	********	716146
357201	AAAAAAAGCI	TTTATAGAAC	IAAIGIAIAI	AMAIAIALA	IACAAGI IGG
357251	<b>AAGTATAGCA</b>	AAGAGATAAA	TAACTCAGTT	ΤΕΤΕΔΔΔΤΤΔ	GGAAAAGGTA
337231	7701717007		CATTECTOR		CTCCAAACTT
357301	AATTIGAATC	CCATCTCTGC	CATTIACIAA	CICIAIGACI	CIGGAAAGII
357351	TTCTAATAGG	TATAGTAGTT	ΔΤΔΔΤΔΔΤΔG	TACTTTCTTC	CTAGGGTCAT
337331	1101771700	1212012011	4007474044	100100000000000000000000000000000000000	CATATCATCA
35/401	TGTGAAGATT	<b>AAATTATATC</b>	ACCIAIAGAA	AGCACI IGIA	CAIAICAIGA
257451	ΔΟΓΔΔΔΕΔΤΤ	ATAACTAATC	$C\Delta\Delta TTTTTC\Delta$	GTTCACTGAA	GAAAAATGGA
337734	~~~~~		CTCACCACAT	ACTICALICATI	TCAACAAATC
32/20T	AGIGACIGIC	CAATGTAGAT	GICAGCACAI	ACIGAAGGGI	ICAAGAAAIG
357551	AGAGTTGTAA	TTATCACTGC	TGTTATCAGT	AGATCATCAA	TAAGTAGAAC
357554	754774	GCTCAAATTG	ACCAATCAAT	ACATCACTTA	CTACAAACCA
32/QOT	IGATCAGTTA	GCICAAATIG	AGCAATCAAT	ACAIGAGIIA	CIAGOVOGCA
357651	ΔΤΔΤΤΤΤΤΔ	<b>AAGGTTTATT</b>	ACAATATAAA	AGTGATACAA	CTAAGGGATT
257701	CCCAATAAAT	GCGTATACAT	TTACCTAACA	ACAACTCTTT	AACTICCAATT
22//OT	GGGAATAAAT	GCGIAIACAI	TIACCIANGA	ACAMOIGITI	ACICOMII
357751	TCTTTTAATT	<b>AAGTTAGTTC</b>	GCATTTATGA	TAGAGCCATA	CATATTGCAG
257001	ACCACAATAC	CATGTGCAAT	COTANGTANT	ATTTTTAT	CACCITITACT
23/OOT	ACCACAMIAC	CAIGIGOAI	CIMOIMI	ALLICIAL	9-00111701
357851	GTCAGGTTCT	<b>TCAGGTAGAA</b>	GAAGCACAAG	CAGCTGCATT	IAGIAGACCI
357001	COCTTCCAAT	<b>CCTAGCTCTA</b>	CATTTATCA	ACTGTATTAC	ATTGAGTAAT
<b>32/32T</b>	HAGIGAACC	TATCTGAGAC	ICIGIAWAI	GGCAATAGTA	AIACHTCATT
358001	ΑCΤΑΤΓΑΔΩΤ	<b>AATACTTTCA</b>	TAGGCATTAT	GAAGATTGGA	AATAATATAT
350001	ACCCTACTA	CTAAATAATA	CCTATTO	TTATTCTACC	ACTACTTITE
23902T	ALIJAIJUUUH	GTAAATAATA	GCIAL IGGIG	TIMITUME	ALIACITII
358101	TTAAATTAAT	<b>AAACTGTGTA</b>	CTACCACCAT	TTTAATTAAT	AAAGTTCGGT
320151	TOCTTTACAA	ATAAACATTA	CITTICIATO	CCTCCTCTAA	CAAATTCCCA
TCTOCC	TOTTIACA	AIMMOAIIA	SITICIAIC	~:~:	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
358201	TACACATAGT	<b>AGCTTAAAAC</b>	AACAAATTTA	ITATCTTATA	GLICIGGAAG
358251	CCACAAATCT	GACAAAGGTC	TTATTGAACT	ΑΑΓΑΤΤΑΔΓΑ	TGTCAGCAGG
330231	CONSTANCE	GOODGIC			
328301	GCTGTAATCC	TTTATGGAGC	CICIIGGGAA	CARICCATTI	CHIGOCHI
358351	TTCAGCTTTC	TGAGGCCCCC	TICCATTICCTT	GGTTCATGGC	CTTTTCCTCC
32840T	AICH CAAAG	CTAGCAGCCT	AGCAICTICA	AGIATOCTIC	IGITICIOAL
358451	CTATGCCTCC	CTGTTCCACA	TTTAAAGGAC	GCTTCTGATT	ACGTTTGACC
350501	TATECACATA	<b>ATCCAGGATA</b>	ATCTCCCTAT	TTTACCCTCA	CCTCATTACC
SOSOT	IAICAGAIA	AICCAGGAIA	AICICCIAI	TITAGGGTCA	GOIGATIAGE
358551	AATTTTAATT	CCATGTGTAA	CCCTAATTCT	CCCTTGACAT	GTAACATAAC
358601	ATATTCACCC	TTCCAGGGAT	TACAACCTCC	ATATOTOGG	CCTTCCCCCAT
33000T	AIAIICACCC	TICCAGGGAT	TAG ************************************	AIAICI 1000	***************************************
32802T	TATICIGICI	ACCACAATAA	TCAAAAAAAG	CATHGHGC	AIAGIALIGI
358701	ΔΤΤΙΚΟΌΤΤΑ	<b>ATAATCATGA</b>	GAAACTGGCA	AATAAAGATC	AGCTGGTACC
350761	ATAAATTTY	<b>AGATATTACC</b>	ATTITUTE	TTTCATTTT	CHCHILL
339/3T	AIAAAITTIC	AGATATIACC	AIIIIIIIII	HICALITI	GITCHITT
358801	TTAATGTTAT	TTTAGTATCT	TGGTTAAAAG	TACTATCATT	TTGGAAATTC
		CCACTATAGC			
328901	GTTGAAACTC	TAAAGATACA	ACTIGLAAGAA	IAIAIGIGG	CAMAITTIG
358951	<b>AACTATTTG</b>	TGGATAAAGG	GAAAAAGGGT	AGGAATCGGA	TGTTTTCAT
350331	CACTATO	CACTAATTAC	AAACCTAACA	CCAAAATATC	TOTOGETTOT
32200T	CAGIIIIAG	GAGTAATTAC	AMOCIANCA	GGWWAIAIG	Clacific
359051	AAGATAAAAG	GAACCTGAAT	ATTTGTCCCT	AATATTAGAA	AGCAAATGGC
250101	TOCCAAAAAT	TCTCAAAGAT	ACTICTICAATIC	ATATIC TELE	ATAACACTICE
222TOT	ICGCAWAAI	ICIOMAGAI	AGIGIGAAIC	AIAIICITT	AIAMOACIGG
359151	ATAAAGGGGG	AAAAAAGTGA	CATTTGGGGT	ATTAAACCTG	AGATGAACAT
		<b>AGAGTAGCTG</b>			
35925T	GITGICAGAT	GTTGGAGTTT	AGGCATAGAC	AAAIGCACIG	CONCOR
359301	ACTGCCACTG	<b>GCTAGTCACT</b>	TCACTTCTGG	GCCTCAGTTT	TCTCATACCT
32332T	ALLIGIGGA	HAIGIGGGI	III IAAIIAA		TACCITTCAT
359401	CITCTITAAA			GACACCAIC	TACCTTTGAT
350/61	01101117	GTAGAAGAAA	GAAATTTAAA	CAAATGAATG	ACACTAAAAA
	CACAACACAA	GTAGAAGAAA	GAAATTTAAA	CAAATGAATG	ACACTAAAAA
222427	CAGAACAGAA	ACCACCAAGA	GAAATTTAAA TGTCCTTCAA	CAAATGAATG CAGGTGAATG	ACACTAAAAA GATGAATAAA
359501	CAGAACAGAA	ACCACCAAGA TCCAGACAAT	GAAATTTAAA TGTCCTTCAA GGAAGATTAT	CAAATGAATG CAGGTGAATG CCAGTGCTAA	ACACTAAAAA GATGAATAAA AAAGAAAATG
359501	CAGAACAGAA	ACCACCAAGA TCCAGACAAT	GAAATTTAAA TGTCCTTCAA GGAAGATTAT	CAAATGAATG CAGGTGAATG CCAGTGCTAA	ACACTAAAAA GATGAATAAA AAAGAAAATG
359501 359551	CAGAACAGAA CTTTGGGAAG AGCTATAAGG	ACCACCAAGA TCCAGACAAT CCATGACAGT	GAAATTTAAA TGTCCTTCAA GGAAGATTAT GCATGGAAGA	CAGATGAATG CAGGTGAATG CCAGTGCTAA ACCTTAAATA	ACACTAAAAA GATGAATAAA AAAGAAAATG TATATGACTA
359501 359551 359601	CAGAACAGAA CTTTGGGAAG AGCTATAAGG AATGGAAGTA	ACCACCAAGA TCCAGACAAT CCATGACAGT GCCAATCCAA	GAAATTTAAA TGTCCTTCAA GGAAGATTAT GCATGGAAGA AAAGGCTACA	CAGATGAATG CAGGTGAATG CCAGTGCTAA ACCTTAAATA TACTCTGTAA	ACACTAAAAA GATGAATAAA AAAGAAAATG TATATGACTA TTCCAAATAT
359501 359551 359601	CAGAACAGAA CTTTGGGAAG AGCTATAAGG AATGGAAGTA	ACCACCAAGA TCCAGACAAT CCATGACAGT GCCAATCCAA	GAAATTTAAA TGTCCTTCAA GGAAGATTAT GCATGGAAGA AAAGGCTACA	CAGATGAATG CAGGTGAATG CCAGTGCTAA ACCTTAAATA TACTCTGTAA	ACACTAAAAA GATGAATAAA AAAGAAAATG TATATGACTA TTCCAAATAT
359501 359551 359601 359651	CAGAACAGAA CTTTGGGAAG AGCTATAAGG AATGGAAGTA ATGATATTCT	ACCACCAAGA TCCAGACAAT CCATGACAGT GCCAATCCAA GGAAAAAACA	GAAATTTAAA TIGTCCTTCAA GGAAGATTAT GCATIGGAAGA AAAGGCTACA AAACTATIGGA	CAAATGAATG CAGGTGAATG CCAGTGCTAA ACCTTAAATA TACTCTGTAA GACTAAAAAA	ACACTAAAAA GATGAATAAA AAAGAAAATG TATATGACTA TTCCAAATAT GATCAGTGGT
359501 359551 359601 359651 359701	CAGAACAGAA CTTTGGGAAG AGCTATAAGG AATGGAAGTA ATGATATTCT TGTCAGGGAT	ACCACCAAGA TCCAGACAAT CCATGACAGT GCCAATCCAA GGAAAAAACA TAGGGGAAGG	GAAATTTAAA TGTCCTTCAA GGAAGATTAT GCATGGAAGA AAAGGCTACA AAACTATGGA GAGGGATGAA	CAAATGAATG CAGGTGAATG CCAGTGCTAA ACCTTAAATA TACTCTGTAA GACTAAAAAA TAGGCAGAGC	ACACTAAAAA GATGAATAAA AAAGAAAATG TATATGACTA TTCCAAATAT GATCAGTGGT ACAGAGGATT
359501 359551 359601 359651 359701 359751	CAGAACAGAA CTTTIGGGAAG AGCTATAAGG AATIGGAAGTA ATIGATATTICT TIGTCAGGGAT TTTTAGGGCAG	ACCACCAAGA TCCAGACAAT CCATGACAGT GCCAATCCAA GGAAAAAACA TAGGGGAAGG TGTAACTACT	GAAATTTAAA TGTCCTTCAA GGAAGATTAT GCATGGAAGA AAAGGCTACA AAACTATGGA GAGGGATGAA GTATTCACTA	CAAATGAATG CAGGTGAATG CCAGTGCTAA ACCTTAAATA TACTCTGTAA GACTAAAAAA TAGGCAGAGC CAGTGCTGGG	ACACTAAAAA GATGAATAAA AAAGAAAATG TATATGACTA TTCCAAATAT GATCAGTGGT ACAGAGGATT TACATCTCAC
359501 359551 359601 359651 359701 359751	CAGAACAGAA CTTTIGGGAAG AGCTATAAGG AATIGGAAGTA ATIGATATTICT TIGTCAGGGAT TTTTAGGGCAG	ACCACCAAGA TCCAGACAAT CCATGACAGT GCCAATCCAA GGAAAAAACA TAGGGGAAGG TGTAACTACT	GAAATTTAAA TGTCCTTCAA GGAAGATTAT GCATGGAAGA AAAGGCTACA AAACTATGGA GAGGGATGAA GTATTCACTA	CAAATGAATG CAGGTGAATG CCAGTGCTAA ACCTTAAATA TACTCTGTAA GACTAAAAAA TAGGCAGAGC CAGTGCTGGG	ACACTAAAAA GATGAATAAA AAAGAAAATG TATATGACTA TTCCAAATAT GATCAGTGGT ACAGAGGATT TACATCTCAC
359501 359551 359601 359651 359701 359751 359801	CAGAACAGAA CTTTIGGGAAG AGCTATAAGG AATIGGAAGTA ATIGATATTICT TIGTCAGGGAT TTTTAGGGCAG TATATACTTIG	ACCACCAAGA TCCAGACAAT CCATGACAGT GCCAATCCAA GGAAAAAACA TAGGGGAAGG TIGTAACTACT ACAATIGTAAC	GAAATTTAAA TGTCCTTCAA GGAAGATTAT GCATGGAAGA AAAGGCTACA AAACTATGGA GAGGGATGAA GTATTCACTA AATGTAGGTT	CAAATGAATG CAGGTGAATG CCAGTGCTAA ACCTTAAATA TACTCTGTAA GACTAAAAAA TAGGCAGAGAC CAGTGCTGGG CATCACTTAT	ACACTAAAAA GATGAATAAA AAAGAAAATG TATATGACTA TTCCAAATAT GATCAGTGGT ACAGAGGATT TACATCTCAC AACAAATGTA
359501 359551 359601 359651 359701 359751 359801 359851	CAGAACAGAA CTTTGGGAAG AGCTATAAGG AATGGAAGTA ATGATATTCT TGTCAGGGAT TTTAGGGCAG TATATACTTG CCACTCTGAT	ACCACCAAGA TCCAGACAAT CCATGACAGT GCCAATCCAA GGAAAAAACA TAGGGGAAGG TGTAACTAACT ACAATGTAACT GTGAGTTATT	GAAATTTAAA TGTCCTTCAA GGAAGATTAT GCATGGAAGA AAAGGCTACA AAACTATGGA GAGGGATGAA GTATTCACTA AATGTAGGTT GAGTATAGTG	CAAATGAATG CAGGTGAATG CCAGTGCTAA ACCTTAAATA TACTCTGTAA GACTAAAAAA TAGGCAGGCAGGCCAGTGCTGGG CATCACTTAT GGCAGGCCTGT	ACACTAAAAA GATGAATAAA AAAGAAAATG TATATGACTA TTCCAAATAT GATCAGTGGT ACAGAGGATT TACATCTCAC AACAAATGTA GTGTATGTA
359501 359551 359601 359651 359701 359751 359801 359851	CAGAACAGAA CTTTGGGAAG AGCTATAAGG AATGGAAGTA ATGATATTCT TGTCAGGGAT TTTAGGGCAG TATATACTTG CCACTCTGAT	ACCACCAAGA TCCAGACAAT CCATGACAGT GCCAATCCAA GGAAAAAACA TAGGGGAAGG TGTAACTAACT ACAATGTAACT GTGAGTTATT	GAAATTTAAA TGTCCTTCAA GGAAGATTAT GCATGGAAGA AAAGGCTACA AAACTATGGA GAGGGATGAA GTATTCACTA AATGTAGGTT GAGTATAGTG	CAAATGAATG CAGGTGAATG CCAGTGCTAA ACCTTAAATA TACTCTGTAA GACTAAAAAA TAGGCAGGCAGGCCAGTGCTGGG CATCACTTAT GGCAGGCCTGT	ACACTAAAAA GATGAATAAA AAAGAAAATG TATATGACTA TTCCAAATAT GATCAGTGGT ACAGAGGATT TACATCTCAC AACAAATGTA GTGTATGTA
359501 359551 359601 359651 359701 359751 359801 359851 359901	CAGAACAGAA CTTTGGGAAG AGCTATAAGG AATGGAAGTA ATGATATTCT TGTCAGGGAT TTTAGGGCAG TATATACTTG CCACTCTGAT GGGCAAGGAG	ACCACCAAGA TCCAGACAAT CCATGACAGT GCCAATCCAA GGAAAAAACA TAGGGGAAGG TGTAACTACT ACAATGTAAT TATCTGGGAA	GAAATTTAAA TGTCCTTCAA GGAAGATTAT GCATGGAAGA AAAGGCTACA AAACTATGGA GAGGGATGAA GTATTCACTA AATGTAAGGT GAGTATAGTG CTCTGTACTT	CAAATIGAATIG CAGGTIGAATIG CCAGTIGCTAAA ACCITTAAATAA TACTICTIGTAA GACTAAAAAAA TAGGCAGGCAGGCAGTIGGG CATICACTTAT GGCAGGCTIGT TATIGCCCAGT	ACACTAAAAA GATGAATAAA AAAGAAAATG TATATGACTA TTCCAAATAT GATCAGTGGT ACAGAGGATT TACATCTCAC AACAAATGTA GTGTATGTGA TTTACTGTGA
359501 359551 359601 359651 359701 359751 359801 359851 359901 359951	CAGAACAGAA CTTTGGGAAG AGCTATAAGG AATGGAAGTA ATGATATTCT TGTCAGGGAT TTTAGGGCAG TATATACTTG CCACTCTGAT GGGCAAGGAG ACCTCAAACT	ACCACCAAGA TCCAGACAAT CCATGACAGT GCCAATCCAA GGAAAAAACA TAGGGGAAGG TGTAACTACT ACATGTAAC GIGAGTTAAT TATCTGGGAA ACCCTAAAAA	GAAATTTAAA TGTCCTTCAA GGAAGATTAT GCATGGAAGA AAACTATGGA GAGGGATGAA GAGTATTCACTA AATGTAAGTT GAGTATAGTG CTCTGTACTT TTAAGTCTAT	CAAATIGAATIG CAGGTIGAATIG CCAGTIGCTAAA ACCITTAAATAA TACTCTIGTAAA GACTAAAAAAA TAGGCAGAGGG CAGTGCTTATT GGCAGGCTIGT TATIGCCCAGT TITTAAAAAATT	ACACTAAAAA GATGAATAAA AAAGAAAATG TATATGACTA TTCCAAATAT GATCAGTGGT ACAGAGGATT TACATCTCAC AACAAATGTA GIGTATGTGA AAACAGGGTG AAAACAGGGTG
359501 359551 359601 359651 359701 359751 359801 359851 359901 359951	CAGAACAGAA CTTTGGGAAG AGCTATAAGG AATGGAAGTA ATGATATTCT TGTCAGGGAT TTTAGGGCAG TATATACTTG CCACTCTGAT GGGCAAGGAG ACCTCAAACT GGACGGAAATG	ACCACCAAGA TCCAGACAAT CCATGACAGT GCCAATCCAA GGAAAAAACA TAGGGGAAGG TGTAACTACT ACAATGTAAC GTGAGTTAATT TATCTGGGAA ACCCTAAAAA GAACGGGAGA	GAAATTTAAA TGTCCTTCAA GGAAGATTAT GCATGGAAGA AAAGGCTACA AAACTATGGA GAGGGATGAA GTATTCACTA AATGTAGGT GAGTATAGTG CTCTGTACTT TTAAGTCTAT	CAAATIGAATIG CAGGTIGAATIG CCAGTIGCTAAA ACCTTAAATIA TACTCTIGTAA GACTAAAAAAA TAGGCAGAGC CAGTIGCTIGGG CATCACTTAT GGCAGGCTIGT TATIGCCCAGT TITTAAAAAATT GCTACTCACT	ACACTAAAAA GATGAATAAA AAAGAAAATG TATATGACTA TTCCAAATAT GATCAGTGGT ACAGAGGATT TACATCTCAC AACAAATGTA GIGTATGTGA THTACTGTGA AAACAGGGTG GAGCCTTTCC
359501 359551 359601 359651 359701 359751 359801 359851 359901 359951	CAGAACAGAA CTTTGGGAAG AGCTATAAGG AATGGAAGTA ATGATATTCT TGTCAGGGAT TTTAGGGCAG TATATACTTG CCACTCTGAT GGGCAAGGAG ACCTCAAACT GGACGGAAATG	ACCACCAAGA TCCAGACAAT CCATGACAGT GCCAATCCAA GGAAAAAACA TAGGGGAAGG TGTAACTACT ACAATGTAAC GTGAGTTAATT TATCTGGGAA ACCCTAAAAA GAACGGGAGA	GAAATTTAAA TGTCCTTCAA GGAAGATTAT GCATGGAAGA AAAGGCTACA AAACTATGGA GAGGGATGAA GTATTCACTA AATGTAGGT GAGTATAGTG CTCTGTACTT TTAAGTCTAT	CAAATIGAATIG CAGGTIGAATIG CCAGTIGCTAAA ACCTTAAATIA TACTCTIGTAA GACTAAAAAAA TAGGCAGAGC CAGTIGCTIGGG CATCACTTAT GGCAGGCTIGT TATIGCCCAGT TITTAAAAAATT GCTACTCACT	ACACTAAAAA GATGAATAAA AAAGAAAATG TATATGACTA TTCCAAATAT GATCAGTGGT ACAGAGGATT TACATCTCAC AACAAATGTA GIGTATGTGA THTACTGTGA AAACAGGGTG GAGCCTTTCC
359501 359551 359601 359651 359701 359751 359801 359901 359951 360001 360051	CAGAACAGAA CTTTIGGGAAG AGCTATAAGG AATIGGAAGTA ATIGATATTCT TIGTCAGGGAT TITTAGGGCAG TATATACTTIG CCACTICTIGAT GGGCAAGGAG ACCTCAAACT GGAGGAAATIG TCATCTCCAC	ACCACCAAGA TCCAGACAAT CCATGACAGT GCCAATCCAA GGAAAAAACA TAGGGGAAGG TGTAACTACT ACAATGTAAC GTGAGTTAATT TATCTGGGAA ACCCTAAAAA ACCCTAAAAA TGGGGAGAGA TGCCTGTTTC	GAAATTTAAA TGTCCTTCAA GGAAGATTAT GCATGGAAGA AAAGGCTACA AAACTATGGA GAGGGATGAA GTATTCACTA AATGTAGGT GAGTATAGTG CTCTGTACTT TTAAGTCTAT TAAATAAAAAG ACACACTTGG	CAAATIGAATIG CAGGTIGAATIG CCAGTIGCTAAA ACCTTAAATAA TACTCTIGTAA GACTAAAAAAA TAGGCAGAGC CAGTIGCTTGGG CATCACTTAT GGCAGGCTGT TATIGCCCAGT TITTAAAAAATT GCTACTCACT CCTTTTCACT	ACACTAAAAA GATGAATAAA AAAGAAAATG TATATGACTA TTCCAAATAT GATCAGTGGT ACAGAGGATT TACATCTCAC AACAAATGTA GIGTATGTGA TTTACTGTGA AAACAGGGTG GAGCCTTTCC GTCTGTAGTT
359501 359551 359601 359651 359701 359751 359801 359951 360001 360051 360101	CAGAACAGAA CTTTIGGGAAG AGCTATAAGG AATIGGAAGTA ATIGATATTCT TIGTCAGGGAT TTTTAGGGCAG TATATACTTIG CCACTICTGAT GGGCAAGGAG ACCTCAAACT GGAGGAAATIG TCATCTCCAC TTTTCCTCCC	ACCACCAAGA TCCAGACAAT CCATGACAGT GCCAATCCAA GGAAAAAACA TAGGGGAAGG TGTAACTACT ACAATGTAAC GTGAGTTAAT TATCTGGGAA ACCCTAAAAA GAAGGGGAGA TGCCTGTTTC TCCAACCTTA	GAAATTTAAA TGTCCTTCAA GGAAGATTAT GCATGGAAGA AAAGGCTACA AAACTATGGA GAGGGATGAA GTATTCACTA AATGTAGGTT GAGTATAGTG CTCTGTACTT TTAAGTCTAT TAAATAAAAAG ACACACTTGG GTCACTTTCA	CAAATIGAATIG CAGGTIGAATIG CCAGTIGCTAAA ACCITTAAATAA TACTICTIGTAAA GACTAAAAAAA TAGGCAGAGC CAGTIGCTIGGG CATCACTTAT GGCAGGCTIGT TATIGCCCAGT TITTAAAAAAT TITTAAAAAATT CCTTACTCACT CCTTTTTCACT CGTIGGATAGT	ACACTAAAAA GATGAATAAA AAAGAAAATG TATATGACTA TTCCAAATAT GATCAGTGGT ACAGAGGATT TACATCTCAC AACAAATGTA GTGTATGTGA ATTACTGTGA AAACAGGGTG GAGCCTTTCC GTCTGTAGTT TAGGACAGCT
359501 359551 359601 359651 359701 359751 359801 359951 360001 360051 360101	CAGAACAGAA CTTTIGGGAAG AGCTATAAGG AATIGGAAGTA ATIGATATTCT TIGTCAGGGAT TTTTAGGGCAG TATATACTTIG CCACTICTGAT GGGCAAGGAG ACCTCAAACT GGAGGAAATIG TCATCTCCAC TTTTCCTCCC	ACCACCAAGA TCCAGACAAT CCATGACAGT GCCAATCCAA GGAAAAAACA TAGGGGAAGG TGTAACTACT ACAATGTAAC GTGAGTTAAT TATCTGGGAA ACCCTAAAAA GAAGGGGAGA TGCCTGTTTC TCCAACCTTA	GAAATTTAAA TGTCCTTCAA GGAAGATTAT GCATGGAAGA AAAGGCTACA AAACTATGGA GAGGGATGAA GTATTCACTA AATGTAGGTT GAGTATAGTG CTCTGTACTT TTAAGTCTAT TAAATAAAAAG ACACACTTGG GTCACTTTCA	CAAATIGAATIG CAGGTIGAATIG CCAGTIGCTAAA ACCITTAAATAA TACTICTIGTAAA GACTAAAAAAA TAGGCAGAGC CAGTIGCTIGGG CATCACTTAT GGCAGGCTIGT TATIGCCCAGT TITTAAAAAAT TITTAAAAAATT CCTTACTCACT CCTTTTTCACT CGTIGGATAGT	ACACTAAAAA GATGAATAAA AAAGAAAATG TATATGACTA TTCCAAATAT GATCAGTGGT ACAGAGGATT TACATCTCAC AACAAATGTA GTGTATGTGA ATTACTGTGA AAACAGGGTG GAGCCTTTCC GTCTGTAGTT TAGGACAGCT
359501 359551 359601 359651 359701 359851 359801 359951 3600051 360101 360151	CAGAACAGAA CTTTIGGGAAG AGCTATAAGG AATIGGAAGTA ATIGATATTCT TIGTCAGGGAT TTTTAGGGCAG TATATACTTIG CCACTICTGAT GGGCAAGGAG ACCTCAAACT GGGGGAATIG TCATCTCCC TTTTCACTCT	ACCACCAAGA TCCAGACAAT CCATGACAGT GCCAATCCAA GGAAAAAACA TAGGGGAAGG TGTAACTACT ACAATGTAAC GTGAGTTAAT TATCTGGGAA ACCCTAAAAA GAAGGGGAGA TGCCTGTTTC TCCAACCTTA AGTGGATACA	GAAATTTAAA TGTCCTTCAA GGAAGATTAT GCATGGAAGA AAAGGCTACA AAACTATGGA GAGGGATGAA GTATTCACTA AATGTAGGTT GAGTATAGTG CTCTGTACTT TTAAGTCTT AAATTAAAAAAG ACACTTTGA GTCACTTTCA GTATGCTCTA	CAAATGAATG CAGGTGAATA CCAGTGCTAAA ACCTTAAATA TACTCTGTAA GACTAAAAAA TAGGCAGAGC CAGTGCTGGG CATCACTTAT GGCAGGCTGT TATGCCCAGT TTTAAAAATT GCTACTCACT CCTTTTCACT CGTGGATAGT AGTTCACTAA	ACACTAAAAA GATGAATAAA AAAGAAAATG TATATGACTA TTCCAAATAT GATCAGTGGT ACAGAGGATT TACATCTCAC AACAAATGTA GTGTATGTTGA TTTACTGTGA AAACAGGGTG GAGCCTTTCC GTCTGTAGTT TAGGACAGCT AACAAGCATG
359501 359551 359601 359651 359701 359851 359801 359951 3600051 360101 360151 360201	CAGAACAGAA CTTTIGGGAAG AGCTATAAGG AATIGGAAGTA ATIGATATTCT TIGTCAGGGAT TTTAGGGCAG TATATACTTIG CCACTICTGAT GGGCAAGGAG ACCTCAAACT GGAGGAAATG TCATCTCAC TTTTCATCTCTC TTTTTTCATCTTT TTTTTTTT	ACCACCAAGA TCCAGACAAT CCATGACAGT GCCAATCCAA GGAAAAAACA TAGGGGAAGG TGTAACTACT ACAATGTAAC GTGAGTTAAT TATCTGGGAA ACCCTAAAAA GAAGGGGAGA TGCCTGTTTC TCCAACCTTA AGTGGATACA TTACTGGGTT	GAAATTTAAA TGTCCTTCAA GGAAGATTAT GCATGGAAGA AAAGGCTACA AAACTATGGA GAGGGATGAA GTATTCACTA AATGTAGGT CTCTGTACTT TTAAGTCTACT AAATAAAAAAG ACACCTTGG GTCACTTTCA GTATGCTCTA AGGGAGAATC	CAAATIGAATIG CAGGTIGAATIG CCAGTIGCTAAA ACCITTAAATIA TACTICTIGTAA GACTAAAAAAA TAGGCAGAGC CAGTIGCTIGGG CATCACTTAT GGCAGGCTIGT TATGCCCCAGT TITTAAAAAAT GCTACTCACT CCTTTTCACT CGTTGGATAGT AGTTCACTAA TIGCTIGTATIGA	ACACTAAAAA GATGAATAAA AAAGAAAATG TATATGACTA TTCCAAATAT GATCAGTGGT ACAGAGGATT TACATCTCAC AACAAATGTA GTGTATGTGA TTACTGTGA AAACAGGGTG GAGCCTTTCC GTCTGTAGTT TAGGACAGCT AACAAGCATG TCCAAATAAT
359501 359551 359601 359651 359701 359851 359801 359951 360001 360101 360151 360201 360251	CAGAACAGAA CTTTIGGGAAG AGCTATAAGG AATIGGAAGTA ATIGATATTCT TIGTCAGGGAT TTTAGGGCAG TATATACTTIG CCACTCTGAT GGGCAAGGAG ACCTCAAACT GGAGGAATG TCATCTCAC TTTCCTCTCC TTTTGTCTTTC ATACTCAATA	ACCACCAAGA TCCAGACAAT CCATGACAGT GCCAATCCAA GGAAAAAACA TAGGGGAAGG TGTAACTACT ACAATGTAAC GTGAGTTAAT TATCTGGGAA ACCCTAAAAA GAAGGGGAGA TGCCTGTTTC TCCAACCTTTA AGTGGATACA AGTGGATACA TTACTGGGTT CATTAACTGG	GAAATTTAAA TGTCCTTCAA GGAAGATTAT GCATGGAAGA AAAGGCTACA AAACTATGGA GAGGGATGAA GTATTCACTA AATGTAGGT CTCTGTACTT TTAAGTCTACT AAATAAAAAG ACACACTAGG GTCACTTTCA GTATGCTCTA AGGGAGAATC GATCCAGTAT	CAAATIGAATIG CAGGTIGAATIG CCAGTIGCTAAA ACCITTAAATIA TACTICTIGTAA GACTAAAAAAA TAGGCAGAGC CAGTIGCTIGGG CATCACTTAT GGCAGGCTIGT TATIGCCCAGT TITTAAAAAAT GCTACTCACT CCTTTTCACT CGTIGGATAGT AGTTCACTAA TIGCTIGTATIGA AACATIGAGTIG AACATIGAGTIG	ACACTAAAAA GATGAATAAA AAAGAAAATG TATATGACTA TTCCAAATAT GATCAGTGGT ACAGAGGATT TACATCTCAC AACAAATGTA GTGTATGTGA ATTACTGTGA AAACAGGGTG GAGCCTTTCC GTCTGTAGTT TAGGACAGCT AACAAGCATG TCCAAATAAT ATTGGTCCAT
359501 359551 359601 359651 359701 359851 359801 359951 360001 360101 360151 360201 360251	CAGAACAGAA CTTTIGGGAAG AGCTATAAGG AATIGGAAGTA ATIGATATTCT TIGTCAGGGAT TTTAGGGCAG TATATACTTIG CCACTCTGAT GGGCAAGGAG ACCTCAAACT GGAGGAATG TCATCTCAC TTTCCTCTCC TTTTGTCTTTC ATACTCAATA	ACCACCAAGA TCCAGACAAT CCATGACAGT GCCAATCCAA GGAAAAAACA TAGGGGAAGG TGTAACTACT ACAATGTAAC GTGAGTTAAT TATCTGGGAA ACCCTAAAAA GAAGGGGAGA TGCCTGTTTC TCCAACCTTTA AGTGGATACA AGTGGATACA TTACTGGGTT CATTAACTGG	GAAATTTAAA TGTCCTTCAA GGAAGATTAT GCATGGAAGA AAAGGCTACA AAACTATGGA GAGGGATGAA GTATTCACTA AATGTAGGT CTCTGTACTT TTAAGTCTACT AAATAAAAAG ACACACTAGG GTCACTTTCA GTATGCTCTA AGGGAGAATC GATCCAGTAT	CAAATIGAATIG CAGGTIGAATIG CCAGTIGCTAAA ACCITTAAATIA TACTICTIGTAA GACTAAAAAAA TAGGCAGAGC CAGTIGCTIGGG CATCACTTAT GGCAGGCTIGT TATIGCCCAGT TITTAAAAAAT GCTACTCACT CCTTTTCACT CGTIGGATAGT AGTTCACTAA TIGCTIGTATIGA AACATIGAGTIG AACATIGAGTIG	ACACTAAAAA GATGAATAAA AAAGAAAATG TATATGACTA TTCCAAATAT GATCAGTGGT ACAGAGGATT TACATCTCAC AACAAATGTA GTGTATGTGA ATTACTGTGA AAACAGGGTG GAGCCTTTCC GTCTGTAGTT TAGGACAGCT AACAAGCATG TCCAAATAAT ATTGGTCCAT
359501 359551 359601 359651 359701 359851 359801 359951 360001 360051 360101 360201 360251 360301	CAGAACAGAA CTTTGGGAAG AGCTATAAGG AATGGAAGTA ATGATATTCT TGTCAGGGAT TTTAGGGCAG TATATACTTG CCACTCTGAT GGGCAAGGAG ACCTCAAACT GGAGGAAATG TCATCTCCAC TTTCCTCTCC TTTTCACTCTT ATACTCAATA AAAAATCCAA	ACCACCAAGA TCCAGACAAT CCATGACAGT GCCAATCCAA GGAAAAACA TAGGGGAAGG TGTAACTGTAAC GTGAGTTATT TATCTGGGAA ACCCTAAAAA GAAGGGGAGA TGCCTGTTTC TCCAACCTTA AGTGGATACA TTACTGGGTT CATTAACTGG	GAAATTTAAA TGTCCTTCAA GGAAGATTAT GCATGGAAGA AAAGGCTACA AAACTATGGA GAGGGATGAA GTATTCACTA AATGTAGGTT GAGTATAGTG CTCTGTACTT TTAAGTCTAT AAATAAAAAG ACACCTTGG GTCACTTTCA GTATGCTCTA AGGGAGAATC GATCCAGTAT ATCAATTCGT	CAAATIGAATIG CAGGTIGAATIG CCAGTIGCTAAA ACCTTAAATAA TACTCTIGTAA GACTAAAAAAA TAGGCAGAGAGC CAGTIGCTIGGG CATCACTTAT GGCAGGCTIGT TATIGCCCAGT TITTAAAAATT GCTACTCACT CCTTTTCACT CGTIGGATAGT AGTTCACTAGT AGTTCACTAGT AGTTCACTAGT AGTTCACTAGT AGTTCACTAGT AGTTCACTAGT AGTTCACTAGAGT AGTTCACTAGAGT ACATIGAGT GTTTTACAAC	ACACTAAAAA GATGAATAAA AAAGAAAATG TATATGACTA TTCCAAATAT GATCAGTGGT ACAGAGGATT TACATCTCAC AACAAATGTA GTGTATGTGA AAACAGGGTG GAGCCTTTCC GTCTGTAGTT TAGGACAGCT AACAAGCATG TCCAAATAAT ATTGGTCCAT TATTTTTGGA
359501 359551 359601 359651 359751 359801 359851 369901 360051 360101 360251 360251 360301 360301 360351	CAGAACAGAA CTTTIGGGAAG AGCTATAAGG AATGGAAGTA ATGATATTCT TIGTCAGGGAT TTTAGGGCAG CCACTCTIGAT GGGCAAGGAG ACCTCAAACT GGAGGAAATG TCATCTCCAC TTTTCACTCT TTTTGTCTTTC ATACTCAATA AAAAATCCAA AAAAATCCAAT AAAAATCCAATA AAAAATCCAATA AAAAATCCAATA AAAAATCCAATA AAAAATCCAATA	ACCACCAAGA TCCAGACAAT CCATGACAGT GCCAATCCAA GGAAAAAACA TAGGGGAAGG TGTAACTACT ACAATGTAACT ACAATGTAACA ACCCTAAAAA GAAGGGGAGA TGCCTGTTTC TCCAACCTTA AGTGGATACA TTACTGGGTT CATTACAGGTT CATTACAGGT CTTTCTAAACCTT CATTACAGGTT CTTTCTAAACCTT CATTACAGGTT CTTTCT CATTACAGGTT CTTT CT	GAAATTTAAA TGTCCTTCAA GGAAGATTAT GCATGGAAGA AAAGGCTACA AAACTATGGA GAGGATGAA GTATTCACTA AATGTAGGTT GAGTATAGTG CTCTGTACTT TTAAGTCTAT AAATAAAAAG ACACTTTCA GTCACTTTCA GTCACTTTCA GTCACTTTCA AGGGAGAATC GATCCAGTAT ATCAATTCGT CTTCCTTAGA	CAAATIGAATIG CAGGTIGAATIG CAGGTIGAATIG CCAGTIGCTAAA ACCTTAAATAA TACTCTIGTAA GACTAAAAAAA TAGGCAGAGAGC CAGTIGCTIGGG CATCACTTAT GGCAGGCTIGT TATIGCCCAGT TITTAAAAATT GCTACTCACT CCTTTTCACT CGTTGGATAGT AGTTCACTAA TGCTGTTATGAAAAAAAAAA	ACACTAAAAA GATGAATAAA AAAGAAAATG TATATGACTA TTCCAAATAT GATCAGTGGT ACAGAGGATT TACATCTCAC AACAAATGTA GTGTATGTGA AAACAGGGTG GAGCCTTTCC GTCTGTAGTT TAGGACAGCT AACAAGCATG TCCAAATAAT ATTGGTCCAT TATTTTTGGA CCTTAAGAAT
359501 359551 359601 359651 359751 359801 359851 369901 360051 360101 360251 360251 360301 360301 360351	CAGAACAGAA CTTTIGGGAAG AGCTATAAGG AATGGAAGTA ATGATATTCT TIGTCAGGGAT TTTAGGGCAG CCACTCTIGAT GGGCAAGGAG ACCTCAAACT GGAGGAAATG TCATCTCCAC TTTTCACTCT TTTTGTCTTTC ATACTCAATA AAAAATCCAA AAAAATCCAAT AAAAATCCAATA AAAAATCCAATA AAAAATCCAATA AAAAATCCAATA AAAAATCCAATA	ACCACCAAGA TCCAGACAAT CCATGACAGT GCCAATCCAA GGAAAAAACA TAGGGGAAGG TGTAACTACT ACAATGTAACT ACAATGTAACA ACCCTAAAAA GAAGGGGAGA TGCCTGTTTC TCCAACCTTA AGTGGATACA TTACTGGGTT CATTACAGGTT CATTACAGGT CTTTCTAAACCTT CATTACAGGTT CTTTCTAAACCTT CATTACAGGTT CTTTCT CATTACAGGTT CTTT CT	GAAATTTAAA TGTCCTTCAA GGAAGATTAT GCATGGAAGA AAAGGCTACA AAACTATGGA GAGGATGAA GTATTCACTA AATGTAGGTT GAGTATAGTG CTCTGTACTT TTAAGTCTAT AAATAAAAAG ACACTTTCA GTCACTTTCA GTCACTTTCA GTCACTTTCA AGGGAGAATC GATCCAGTAT ATCAATTCGT CTTCCTTAGA	CAAATIGAATIG CAGGTIGAATIG CAGGTIGAATIG CCAGTIGCTAAA ACCTTAAATAA TACTCTIGTAA GACTAAAAAAA TAGGCAGAGAGC CAGTIGCTIGGG CATCACTTAT GGCAGGCTIGT TATIGCCCAGT TITTAAAAATT GCTACTCACT CCTTTTCACT CGTTGGATAGT AGTTCACTAA TGCTGTTATGAAAAAAAAAA	ACACTAAAAA GATGAATAAA AAAGAAAATG TATATGACTA TTCCAAATAT GATCAGTGGT ACAGAGGATT TACATCTCAC AACAAATGTA GTGTATGTGA AAACAGGGTG GAGCCTTTCC GTCTGTAGTT TAGGACAGCT AACAAGCATG TCCAAATAAT ATTGGTCCAT TATTTTTGGA CCTTAAGAAT
359501 359551 359601 359651 359751 359801 359851 369951 360001 360151 360251 360251 360351 360351 360401	CAGAACAGAA CTTTGGGAAG AGCTATAAGG AATGGAAGTA ATGATATTCT TGTCAGGGAT TTTAGGGCAG TATATACTTG CCACTCTGAT GGGCAAGGAG ACCTCAAACT GGAGGAAATG TCATCTCCAC TTTTCACTCT TTTGTCTTTC ATACTCAAAATAAAAATCCAA AAAAATCCAATA AAAAATCCAATAAAAATCCAATAAAAATCCAATAAAAATCCAATAAAAATCCAATAAAAATCCAATAAAAACCCTTGTC	ACCACCAAGA TCCAGACAAT CCATGACAGT GCCAATCCAA GGAAAAAACA TAGGGGAAGG TGTAACTACT ACAATGTAACT ACAATGTAAT TATCTGGGAA ACCCTAAAAA GAAGGGGAGA TGCCTGTTTC TCCAACCTTA AGTGGATACA TTACTGGGTT CATTAACTGG CTTGGGAAG CTTTCTAAAC CTTGGAAGC CTTTGTAAAC CTTGGAAGC CTTTCTAAAC CTTGAAGC CTTTCTAAAC CTTGCATCAGCA	GAAATTTAAA TGTCCTTCAA GGAAGATTAT GCATGGAAGA AAAGGCTACA AAACTATGGA GAGGGATGAA GTATTCACTA AATGTAGGT CTCTGTACTT TTAAGTCTAT AAATAAAAAG ACACTTTGA GTATGCTCTA AGGGAGAATC GATCCAGTAT ATCAATTCAT ATCAATTCAT ATCAATTCAT ATCAATTCAT ATCAATTCAT ATCAATTCAT ATCAATTCACACA AGGTCACACA	CAAATIGAATIG CAGGTIGAATIG CAGGTIGAATIG CCAGTIGCTAAA ACCTTAAATAA TACTCTGTAA GACTAAAAAAA TAGGCAGGCTGT TATIGCCCAGT TATIGCTCACT CCTTTTCACT CGTIGGATAGT AGATTGAGTIG ACACTGAGTIG GTTTTACAAC GCCACCGCTIG	ACACTAAAAA GATGAATAAA AAAGAAAATG TATATGACTA TTCCAAATAT GATCAGTGGT ACAGAGGATT TACATCTCAC AACAAATGTA GTGTATGTGA AAACAGGGTG GAGCCTTTCC GTCTGTAGTT TAGGACAGCT AACAAGCATG TCCAAATAAT ATTGGTCCAT TATTTTTGGA CCTTAAGAAT TGAGACAGGG TGAGACAGGGT TCTTAAGAAT TGAGACAGGGGG
359501 359551 359601 359651 359751 359801 359851 369951 360001 360151 360251 360251 360351 360351 360401	CAGAACAGAA CTTTGGGAAG AGCTATAAGG AATGGAAGTA ATGATATTCT TGTCAGGGAT TTTAGGGCAG TATATACTTG CCACTCTGAT GGGCAAGGAG ACCTCAAACT GGAGGAAATG TCATCTCCAC TTTTCACTCT TTTGTCTTTC ATACTCAAAAT AAAATCCAA AAAAATCCAA TACCCTTGTT TACCCTTTT ACACCCTTGTT	ACCACCAAGA TCCAGACAAT CCATGACAGT GCCAATCCAA GGAAAAAACA TAGGGGAAGG TGTAACTACT ACAATGTAACT ACAATGTAAT TATCTGGGAA ACCCTAAAAA GAAGGGGAGA TGCCTGTTTC TCCAACCTTA AGTGGATACA TTACTGGGTT CATTAACTGG CTTGGGAAG CTTTCTAAAC CTTGGAAGC CTTTGTAAAC CTTGGAAGC CTTTCTAAAC CTTGAAGC CTTTCTAAAC CTTGCATCAGCA	GAAATTTAAA TGTCCTTCAA GGAAGATTAT GCATGGAAGA AAAGGCTACA AAACTATGGA GAGGGATGAA GTATTCACTA AATGTAGGT CTCTGTACTT TTAAGTCTAT AAATAAAAAG ACACTTTGA GTATGCTCTA AGGGAGAATC GATCCAGTAT ATCAATTCAT ATCAATTCAT ATCAATTCAT ATCAATTCAT ATCAATTCAT ATCAATTCAT ATCAATTCACACA AGGTCACACA	CAAATIGAATIG CAGGTIGAATIG CAGGTIGAATIG CCAGTIGCTAAA ACCTTAAATAA TACTCTGTAA GACTAAAAAAA TAGGCAGGCTGT TATIGCCCAGT TATIGCTCACT CCTTTTCACT CGTIGGATAGT AGATTGAGTIG ACACTGAGTIG GTTTTACAAC GCCACCGCTIG	ACACTAAAAA GATGAATAAA AAAGAAAATG TATATGACTA TTCCAAATAT GATCAGTGGT ACAGAGGATT TACATCTCAC AACAAATGTA GTGTATGTGA AAACAGGGTG GAGCCTTTCC GTCTGTAGTT TAGGACAGCT AACAAGCATG TCCAAATAAT ATTGGTCCAT TATTTTTGGA CCTTAAGAAT

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360501	AAAGAAATAG	TTCACTIGTT	CAAAGAACTA	<b>AGAAGTCTTG</b>	TTATTTAAAA
360551	TTAAAAAAAA	AAAAGTACAA	<b>GGGAAAGAAG</b>	CAGGGGGGAG	AAAAGAAGAA
		AGAAAGGAAA			
360651	TATCAAGCCT	<b>ATCAAGACAC</b>	<b>CTACCAGGAT</b>	<b>GTTTTATAAG</b>	ATTTTCTTTG
360701	ACACAGAAGG	<b>GGAAAGTCAG</b>	таптспст	<b>GTATCAGAAC</b>	ACTTAATATA
		TTTGCTTCAC			
360801	TTATGTTTTG	TCCCTGGAAG	<b>TCTAGGTCAG</b>	<b>ATGCTCCATA</b>	AAGGTTTTTGG
360851	<b>ATGTGATCTC</b>	TAAAGCATAT	<b>GTTCCACCAA</b>	GAAGTCTTTC	TATATTCACC
		TTTCCATGGA			
360951	GACTAGCATT	<b>GTGCTGCGAA</b>	<b>TGATGTTTAT</b>	AAAATATTAA	ATTCTGATAA
		ATTITTAAGT			
		<b>ATATCATTTG</b>			
		<b>AGTATAAGTG</b>			
		TGTTTGTCTT			
		<b>AATGTTTTCT</b>			
361251	AAAAGAACAG	CAGTTTICTT	ACCCAGAATC	CCAAATTTGA	GTCAAGGCCA
		<b>AATGTCCTCC</b>			
		AACTACAGTT			
		CACAAGCTAA			
		GAAGAATAAT			
		ATGTCCATAA			
		TGCCCATGGC			
		GGAACTGTGT			
		GCATAAGTTT			
		CCTCTGCACC			
		CCTTCTTCTC			
		TTATGATTAC			
		ATAGAATGTC			
		TGGGGGTTAG			
		TAGTATGTGG			
		AAATCACTTT			
		CCCTACCACA			
		TCAGCTGTCT			
		CCTCCTGAAA			
		CATTIGITIT			
		TCAGCATGAT			
		AAAGGAAAAT			
		TTATTGTATA			
362451	GGGGCACCTG	TCTTCACTTT	<b>ACCCATTGAA</b>	<b>GGAAAGATGT</b>	CTATTATGTT
362501	<b>ATAGTTGCAA</b>	TTGTTGGGGG	ATTAGAAGIT	TGAGGAAAAT	GTAATGTAAC
		ATTTTACAGA			
		TCACAATTAA			
		<b>AGATTTTAAC</b>			
		CTATTTCATG			
		TTCCTTAGAT			
		CCAAAGTTCT			
		TAATTOGCTT			
					TCCAATTATA
		CTAAGTCCTC			
		CCTCTACTTC			
		GGCTTAAGTG			
		TTCTTAGGCT			
		AGAACTCAGA			
		TCAGACTACT			
		CCTTCACATG			
		GCCTTGCCAC			
		ATTCCTAAAG			
		TCCCTCCTC			
363501	CCAGAGTCAG	<b>ACAGATATGG</b>	ATTTAAATAT	<b>GGATCCACCA</b>	CTTACCTGTG
		AACAAATTTA			
363601	TATAAATTGG	GGGTAGGGGG	<b>AAGGATTTTA</b>	CCTACCACAT	TGGATTGTTG
		<b>GTAACTTATG</b>			
363701	TGGTGGAGGT	<b>GGTAGTGCTA</b>	<b>ATAGTGCTAA</b>	TATCACCATC	GTCAATATAA
		<b>AGCAGCATTT</b>			
363801	CITATIGICT	TGTTCTCATT	TCAGAATTTC	<b>AGACTCCTCG</b>	AGGITTTATT
		TGTTCCCCAA			
363901	TTCCTAAGTG	AGTTGAGTTG	CATAGAATAG	CTATTCTCCC	CTAAAGGAAA
363951	ATACTGACTC	CACAGTGTTC	TTAAAAGTCA	GAGCTGGTAA	GTTTGTAGCT

364001 GTCTCTTCAT ATTTTAATO	CA AACATTATCA CACTAAAAA AATCATTGTT
364051 ACATTTIGTC ACTCTANA	AC TTGAAACTAA GTAGTCTTTA AATTTTAAAT
364101 TTTAATTTCT CCAAGAGT	TA ATGACTTATA TATTTAGATA TAGGTGGTCT
364151 GAAGTAATTA TTTTTAAA	AG AACTACITTT GTATTTGATG CATAAATTAT
364201 ATCAGTAGTA AAATATTC	AG AGAAGAAAAA TTAATATACA AACATTAAAT
364251 TGCTTTTGAT TTTATATG	IT TGATTCIGIG TCTATCITAT TTTTGATTTT
364301 GTAAAATCAA TGCCAACTE	GC AAAGTTTTTT AGCTTAAATA ACCAGCAGTT
364351 TITCITITA CATGITIT	TA CTTACAAAAC CTTTATCCTC TATCTCTCAA
36401 CATATTTCTG GAAAACAG	AT TITCTGCTTC TGGGAAACAT CACTITITCA
3644E1 CALATTACAC ATTCACT	GG TTATAAAAAC CTATAACTGC TTTGTTTGTT
364501 CONTROCC CONCACTO	GT AGATTAGGTT CTGCTGTGGA TTTCTGAAGG
364551 GCICIGAGG CCAGAGIT	GG TIGTGCTATT COGATCTGAA CTTCTGTAAT
304551 CIAAAGIAGG GAAGGAGII	TO ACCACTTOAA ACCCCTTTAA AAAAAAAAAA
3646UL AGGAGAGIAG CAVAGCAG	TG AGGAGTTGAA AGGCCTTTAA AAAAAAAAA
364651 AGTATACGTT CACATGGA	GT CCCTCTGAAT AAGTACCAGC ACCCCAAAGT
364701 CACTAAAATT ACTCCCCA	AA TCAAGCATTC ATCACTCAGA AAGCCTTTAT
364751 GGATCACCAG TTTTGCAG	GG CTCGGTATTT GGTGGTGTCC TCACAGCTTT
364801 GAACCAGACA TGCTTCAC	CT GAGTTAAGGA CACCTCTACC GGCAGGCCCC
364851 TAGAGAGTGG CTCAGGGT	AC TGATGGGGTC AGAAAAGGGA GGGTGTGACC
364901 AAAGAGCAGA TTGAGTCC	AC ACTITIGAATA CTTTCAGGAA CTACTTGCAG
364951 CCACTCAGGA ATATAAAC	TA GTATCACAGC TGAGAGCTTT ATTTAACATT
365001 CCACTTAGTT ATAATCTT	TA CCTAATCTCT ACTGTTTTTA TITTGGCTACT
365051 AGCTATTTAG TGTAACCC	CA TTTTTGTGGA AGGCTGGCCA AGAGCACACT
365101 TCAACTCAAT AGTAGTCA	AA GCCAGCTCTA CTGAACCTAC ATGAACACAT
365151 GAGCACACAA ATTGTGTG	GT TCTGAAGTTT GTGGGGGTAT TTTTTAGTTC
365201 TIGATAAATG TICATCIG	CC TAAGCAGTAT ATACAATGTA AAGTTAAATG
365251 TGACACCTGC TATAAGGC	AT ATAAATTCCA CATTCGGTTA AAAACCAACT
365301 TETTAGACT ASSETTED	AA ATTAGTTAAC ATTAAGTCAG ATATCTTATT
365351 TTATECTETT CATATATT	TT CCTTCTTTCC TTCATTGTTC TTTTTCATTC
26E401 TITCTATAT TICTTCAC	CA TGTACTATGT GCCAGATAAG GTTCTAGGCA
	AA CGAAAATAAA GAAGTCTATT TTGTGAGAGG
303431 CIAGCAICIA AIAI IAGC	AT AAAATATAGT ATGTGGCAAT AAGAGAGAAG
365501 CACAGACCA TOACAA	AL CCACATTCCC ATTACACCCA CCCCTCCACC
365551 GAGCAMAIA ANGCAGGG	AA GGAGAATGGG ATTACAGGGA GGGCTGCAGG
365601 TITTAATAGG GIGGCCAI	GG AAAACCTTGC CGAGAAGGTG GCATTTGTGT
365651 AAAGACTTGA GGCGAGTG	AA CTGCAATTAT CCAAAGGAAG CACATTTCAG
365701 GGAGAGGGAA CAAGAAGT	CC ACATGCTCCG AACACGAGTG TTCTTTGCAC
365751 ATTCAAGAAC AGCCAGGA	AG CCAATGTCAC TGGAGTGAAG AGTGTGAGGG
365801 GGTTCTAGGG CCCAGTTG	AA AAAAAGTGGG AGTAAGTGAT TGGTGTCGCA
365851 TGCTGCTGAT AGATTAAA	ITA GATTGAGAAC TGAGGATTGA CCGTAGGATT
365901 AGTGACCTTG ACAGAGCA	AT TCAGTGGGG AGTGTTCAGA AGTGTCATTT
365951 CAATGGGTTT AAATGAGA	AT GGGAAGAGAG GAAATAGAAA ATGGAAAATG
366001 AAGAGAGCTC TTCCAAGG	AG AGTTGCTAAT GGGAATGAAA GCAGATATGG
366051 AGACAAGGAA GGGACTAG	AT TACATCTATA AGGTGAGAAA TTACAACGTG
366101 TTTTTATGGT GGTGGTAA	AG CTTGACTCAG GTAAAAGGAA ATGGAACCCC
	TG ATCTTGGCAG CACAGATACT TCATCTATTG
366201 AAACAGGAAA GAAAGTTG	AG TATGTACATA CAAGTAGAGG GAAAGGGGTA
366251 GACTCAATGG TGATAGCA	TTGAAAGTTC TTCTCTGCCA CATGAACAAA
366301 CTTICTTICC AGRICUTA	AA CAACACCTGC AGTATCCTTC TCATATGGTC
366351 ATTTCCATAT TATCTCTA	CA GCTGTCTTAT GTTTGGCCAG CTTATTAATT
366401 GTTAATATAT CTCTTCCT	CT TATTGAGCAA AAACCTTTCT TCTAGAACAT
366451 TGATTCTAGT TCTGCTT	CC ATAGOCTOCC AAGATGGACA GTTCTAATTT
366501 TOTTATACAA CACCCTTT	GA AGGACTGGAG GACTGATGTG GTTTCTCAAG
266551 COCACCTCA TTCCTCCT	GA TICTAACACC TAGCCCTICA GIGITICIGC
	ICC CCTGTCACAT TCAGACACTC TCATCTAACA
366661 ecceptage TATTEAT	CA GITTCATTIG CTAATCAGGC CTCATTGGTC
300031 GGGGGAGGG TATTIAAT	TT TTCTCCCAGG CTTTTTTCTA CATATTTAGT
366/01 CCGCCTTTG GIATCIGT	CA TECACCACC ATCCCATTAA CATTTATTTA
366751 GITICICACA AATACTAA	CA TTGAACCAGC ATGCCATTAA GATTTATTTA
SOOBUL ITTATTICAG TAGCITTA	GG GGTACAAGTG GTTTTTGGTT ACATGGATAA
366851 ATTGTATAGT GGTGAAGT	CT GGGCTTTTAG TATACCCATC ACCCAAATAG
SOOSUL TATACATTGT ACCCAATA	GG TAATTTTTCA TTCTTTACCC CCACTCCCAC
366951 CCTACCCCGT TCTGAATC	TC CAGTIGTCCAT TATACAATTC CATATACCTT
	CT CCCACTTAAA CATGTGAGAA ATGCAGTATT
367051 TGGTTTTCCA TTCCTGAG	ACATOGOTTA GAATGACCTC CAGTTCCATC
367101 CAAGTTGCTG TCAAAGAC	GT TACTTIGITA TITTTICIGG CTGGGTAGTA
367151 TTCCATGGTA TATATACC	CAC ATTTICTOCA TOCTICTIATT GGTOGATGGG
367201 CACTTAGGTT GATTCCAT	AC CCTTGTGATG GTGAACTGTA CTGTAGTAAA
367251 CATATACATG CAGATGTO	TO TITTATATAA TGATTTCTTT TCCTTTAAGT
267201 ACATACCCAC TACTICCO	
SOLDOT MOVING INCLOSE	ATT GAAGGAICAA AIGGIAATIC TACCITTAGI
367351 TCTTTGAGAT ATCTCCAT	ATT GAAGGATCAA ATGGTAATTIC TACCTTTAGT TAT TIGTTTTCCAT AGAGGTTGTA CTAATTTACC
367351 TCTTTGAGAT ATCTCCAT 367401 TTCTCACCAC TAGTGTAT	TAT TIGITITICCAT AGAGGITIGTA CTAATITIACC. TAA GCATTCOCTT TICTCTGCAT CCTCATCAAC
367351 TCTTTGAGAT ATCTCCAT 367401 TTCTCACCAC TAGTGTAT	TT GAAGGATCAA ATGGTAATTC TACCTTAGT AT TGTTTTCCAT AGAGGTTGTA CTAATTTACC TAA GCATTCCCTT TTCTCTGCAT CCTCATCAAC TT TGTTTTTTGT CTTTTTAGTA ACAGCTATTC

367501					
301 JUL	TEACCECCT	<b>AAGATGATAT</b>	CTCATTGTGG	TTTTAATTTG	GAGTTCTCTG
267551	ATCAATACTC	CTOCTAACCA	TITTTTTAT	ACCETTETTE	CCCATTICTA
	<b>I</b> GICITITI		ATGTCCATCT		
			<b>GTACATGTTG</b>		
367701	<b>ATATGCCATG</b>	GIGGITIGCT	<b>GCACCTACCA</b>	ACCCATCACC	TAAGTATTAA
			TTATCCTGAT		
			GGGTTATTTT		
367851	TGAATTCTTT	GTAAATTCTG	<b>GGTATCAGTC</b>	CCCTATCAGA	GGCATAGTTT
367901	GACAATATTT	TCTCTCATTC	TTCAGGATGT	CTGTTCACTC	TCTTGATAAT
			GTTTAGTT		
			TGCTTTTGAG		
			ATCTTCCTTA		
368101	CAGTTTCAGT	TCTTACATTT	<b>AAGTATTTGA</b>	TCCATCTTGA	GTCTTTT
			TCCAATTTCA		TATGGCAATA
			ATTGAAAAAG		
			TTGGCTATAG		
368301	ACACTGCTGA	TAAAGACATA	CCCAAGACTG	GGCAATTTAC	AAAAGAAAGA
368351	<b>GGTTTAATTG</b>	GACCCACAGT	TCCATGTGGC	TGAGGAGGCC	TCACAATCAT
			AATTCACATC		
			GAAACTCCTG		
			ACAAGAACAG		
368551	<b>ATAATTCAAT</b>	CACCTCCCAC	CGGGTTCCTC	CTACAACACA	AGGGAACTGT
368601	GGGAGTTAAA	ΔΑΤΓΔΑGΑΤG	<b>AGATTTGGGT</b>	GGGGACACAG	CCTCAATGAT
			AGCGTTTAAG		
368\0T			TCTAAGAGCA		
368751	ACCCTGGAGT	TAGGTGCATA	TTTATTTAGG	ATTGTTATAT	CTTCTTGTGG
368801	AACTGATCCC	TTTATCATTA	TATAATGACC	CTCTTCGGGT	TTTTIGTTG
368851			TTATTGATTT		
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			CTATAAGAAT		
369001	CCTTGAAGAC	AGGAGATATT	TGGCTTGTGT	TTCTTTATCC	ATTCCACCAG
369051	TCAGTATCTT	TTAATTGGAG	CATTTAGATC	CACTATTTAG	ACCCGTATTC
=====			AGGTACAATT		
					_
			TTCATTATGT		
369201	GTTTTATGCT	TTCAAATGTT	TTTATACTGG	TGCATATTGA	CCTTTCATTT
369251	TGAAATTTAG	AACTCCTTTT	<b>AGCATCTCTT</b>	GTAGGGCTGG	TCAAGTGGTG
			CTTGTCTGGG		TCTCATTTAT
			AGAAAATTCT		
= == :==			TGGGCTGACA	_	
369451	ATTAAAGATA	GGACACCAAT	CTTTTCTGGC	TTATAAGGTT	TCTGCTGAGA
369501	AATCTCCTGT	<b>TACTCTGACA</b>	<b>GGTTTTCCTT</b>	TATCTTTCCT	TTCAAGTTAT
369551	CTGATGCTTT	TIGTICTICACTA	CTCTTAGAAT	TECTTEATTE	
JUJJJ4					ACATTGACGT
260601					ACATTGACGT
	TAGATAGCCT	GATGAATATA	TGCCTTGCTG	ATGTCCATTT	TGCAATGAAT
369651	TAGATAGCCT CTCCTAGGAG	GATGAATATA TTCTTTGAGC	TGCCTTGCTG TTCTTGTATT	ATGTCCATTT TGGATGTCTA	TGCAATGAAT AGTCTCTAGC
369651	TAGATAGCCT CTCCTAGGAG	GATGAATATA TTCTTTGAGC	TGCCTTGCTG	ATGTCCATTT TGGATGTCTA	TGCAATGAAT
369651 369701	TAGATAGCCT CTCCTAGGAG AAGACCAGGG	GATGAATATA TTCTTTGAGC AAGTTTCCCT	TGCCTTGCTG TTCTTGTATT CAATTATTCT	ATGTCCATTT TGGATGTCTA CTCAGATAGG	TGCAATGAAT AGTCTCTAGC TTTTCTGAAT
369651 369701 369751	TAGATAGCCT CTCCTAGGAG AAGACCAGGG GATTIGCTTT	GATGAATATA TTCTTTGAGC AAGTTTCCCT TCTTTTCTCT	TIGCCTTGCTG TTCTTGTATT CAATTATTCT CAGGAACACT	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT	TGCAATGAAT AGTCTCTAGC TTTTCTGAAT AGGTTTGGAC
369651 369701 369751 369801	TAGATAGCCT CTCCTAGGAG AAGACCAGGG GATTTGCTTT GTTTTATATA	GATGAATATA TICTTIGAGC AAGITTCCCT TCTTTTCTCT ATCTCATATT	TICCTTGCTG TTCTTGTATT CAATTATTCT CAGGAACACT TCTTGGAGAC	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT TTTGTTCATT	TIGCAATGAAT AGTCTCTAGC TTTTCTGAAT AGGTTTGGAC TCTTTTAATT
369651 369701 369751 369801 369851	TAGATAGCCT CTCCTAGGAG AAGACCAGGG GATTIGCTTT GITTTATATA CTIGTTTCAT	GATGAATATA TTCTTTGAGC AAGTTTCCCT TCTTTTCTCT ATCTCATATT TATCTTTTTC	TGCCTTGCTG TTCTTGTATT CAATTATTCT CAGGAACACT TCTTGGAGAC TGATTTGGTT	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAAG	TIGCAATGAAT AGTETETAGE TTTTETGAAT AGGTTTGGAC TETTTTAATT CATTETETTC
369651 369701 369751 369801 369851 369901	TAGATAGCCT CTCCTAGGAG AAGACCAGGG GATTTGCTTT GTTTTATATA CTTGTTTCAT AAGCTCTGAC	GATGAATATA TTCTTTGAGC AAGTTTCCCT TCTTTTCTCT ATCTCATATT TATCTTTTTC ATCCTTTCTT	TIGCETTIGETG TICHTIGTATT CAATTATTICT CAGGAACACT TICHTIGGAGAC TIGATTTIGGTT CTACTTIGATC	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAAG TAGTCTGTTT	TGCAATGAAT AGTCTCTAGC TTTTCTGAAT AGGTTTGGAC TCTTTTAATT CATTCTCTTC TTAAAACTTT
369651 369701 369751 369801 369851 369901 369951	TAGATAGCCT CTCCTAGGAG AAGACCAGGG GATTTGCTTT GTTTTATATA CTTGTTTCAT AAGCTCTGAC GCATTGCATT	GATGAATATA TTCTTTGAGC AAGTTTCCCT TCTTTTCTCT ATCTCATATT TATCTTTTTC ATCCTTTCTT TTGTAATTCC	TIGCETTIGETGE TICTITIGETT CAATTATTICT CAGGAACACT TICTIGGAGAC TIGATTIGGTT CTACTTIGATC CAAAATATIGT	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAAG TAGTCTGTTT CTTCATTTTT	TGCAATGAAT AGTCTCTAGC TTTTCTGAAT AGGTTTGGAC TCTTTTAATT CATTCTCTTC TTAAAACTTT AGAAGTTCTG
369651 369701 369751 369801 369851 369901 369951	TAGATAGCCT CTCCTAGGAG AAGACCAGGG GATTTGCTTT GTTTTATATA CTTGTTTCAT AAGCTCTGAC GCATTGCATT	GATGAATATA TTCTTTGAGC AAGTTTCCCT TCTTTTCTCT ATCTCATATT TATCTTTTTC ATCCTTTCTT TTGTAATTCC	TIGCETTIGETGE TICTITIGETT CAATTATTICT CAGGAACACT TICTIGGAGAC TIGATTIGGTT CTACTTIGATC CAAAATATIGT	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAAG TAGTCTGTTT CTTCATTTTT	TGCAATGAAT AGTCTCTAGC TTTTCTGAAT AGGTTTGGAC TCTTTTAATT CATTCTCTTC TTAAAACTTT AGAAGTTCTG
369651 369701 369751 369801 369851 369901 369951 370001	TAGATAGCCT CTCCTAGGAG AAGACCAGGG GATTTGCTTT GTTTTATATA CTTGTTTCAT AAGCTCTGAC GCATTGCATT	GATGAATATA TTCTTTGAGC AAGTTTCCCT TCTTTTCTCT ATCTCATATT TATCTTTTTC ATCCTTTCTT TTGTAATTCC AAAATATGTC	TIGCETTIGETG TICTITIGETT CAATTATTICT CAGGAACACT TICTIGGAGAC TIGATTIGGTT CTACTIGATIC CAAAATATIGT TICTITAGAAA	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAAG TAGTCTGTTT CTTCATTTTT ACTTTCCATT	TGCAATGAAT AGTCTCTAGC TTTTCTGAAT AGGTTTGGAC TCTTTTAATT CATTCTCTTC TTAAAACTTT AGAAGTTCTG CATATTCTAA
369651 369701 369751 369801 369851 369901 369951 370001 370051	TAGATAGCCT CTCCTAGGAG AAGACCAGGG GATTIGCTTT GTTTTATATA CTIGTTTCAT AAGCTCTGAC GCATTGCATT GTTTTCTTC ATTIGTTATTG	GATGAATATA TICTTIGAGC AAGTTICCCT TCTTTICTCT ATCTCATATT TATCTTTTTC ATCCTTTCT TIGTAATTCC AAAATATGTC TGATTTCTTT	TIGCETTIGETG THE	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAAG TAGTCTGTTT CTTCATTTT ACTTTCCATT TCAATTTCT	TIGCAATIGAAT AGTICTICTIGAAT AGGITTIGGAC TICTITTIAATT CATTICTICTIC TTAAAACTITT AGAAGTICTIC CATATICTIAA CITTIGGATCTIC
369651 369701 369751 369801 369851 369901 369951 370001 370051 370101	TAGATAGCCT CTCCTAGGAG AAGACCAGGG GATTIGCTTT GTTTTATATA CTIGTTTCAT AAGCTCTGAC GCATTGCATT GTTTTCTTC ATTIGTTATTG ATCGAGCAAC	GATGAATATA TICTTIGAGC AAGTTICCCT TCTTTICTCT ATCTCATATT TATCTTTTTC ATCCTTTCT TIGTAATTCC AAAATATGTC TGATTTCTTT TTAATAGTCA	TIGCETTIGETG TTICTTIGTATT CAATTATTCT CAGGAACACT TCTTIGGAGAC TGATTTIGGTT CTACTTIGATC CAAAATATGT TCTTTAGAAA ATGTTIGGTTT GCATTTIGAA	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAAG TAGTCTGTTT CTTCATTTT ACTTTCCATT TCAATTTCT TTTTTTTATC	TIGCAATIGAAT AGTICTCTAGC TITTICTIGAAT AGGITTIGGAC TCTTTTAATT CATTCTCTTC TTAAAACTTT AGAAGTTICTIA CATAGTTCTAA CTTGGATCTC TTGGCATTTCA
369651 369701 369751 369801 369851 369901 369951 370001 370051 370101 370151	TAGATAGCCT CTCCTAGGAG AAGACCAGGG GATTIGCTTT GTTTTATATA CTIGTTTCAT AAGCTCTGAC GCATTGCATT GTTTTCTTC ATTGTTATTG ATCGAGCAAC AAGATTTTIGT	GATGAATATA TICTTIGAGC AAGTTICCCT TCTTTICTCT ATCTCATATT TATCTTTTTC ATCCTTTCT TIGTAATTCC AAAATATGTC TGATTICTT TTAATAGTCA TTIGGTTTGG	TGCCTTGCTG TTCTTGTATT CAATTATTCT CAGGAACACT TCTTGGAGAC TGATTTGGTT CTACTTGATC CAAAATATGT TCTTTAGAAA ATGTTTGGTT GCATTTTGAA ATGTTTGAA ATCTATTGCT	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAAG TAGTCTGTTT CTTCATTTT ACTTTCATT TCAATTTTT TCAATTTTT TCAATTTTT TCAGGGAGGTTAG	TGCAATGAAT AGTCTCTAGC TTTTCTGAAT AGGTTTGGAC TCTTTTAATT CATTCTCTTC TTAAAACTTT AGAAGTTCTG CATATTCTAA CTTGGATCTC TGGCATTTCA TGAGATCTT TGGCATTTCA TGAGATCTTT
369651 369701 369751 369801 369851 369901 369951 370001 370051 370151 370151	TAGATAGCCT CTCCTAGGAG AAGACCAGGG GATTIGCTTT GTTTTATATA CTTGTTTCAT AAGCTCTGAC GCATTGCATT	GATGAATATA TICTTIGAGC AAGTTICCCT TCTTTICTCT ATCTCATATT TATCTTTTC ATCCTTTCT TIGTAATTCC AAAATATGTC TGAATTCCT TTAATAGTCA TTTAATAGTCA TTTGGTTTTGG GTAGAACTGT	TGCCTTGCTG TTCTTGTATT CAATTATTCT CAGGAACACT TCTTGGAGAC TGATTTGGTT CTACTTGATC CAAAATATGT TCTTTAGAAA ATGTTTGGTT GCATTTTGAA ATCTATTGCT GCATTTTGAA	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAAG TAGTCTGTTT CTTCATTTTT ACTTTCCATT TCAATTTCT TCAATTTCT TCAATTTCT TCAGGAGGTTAG TTGCAGAATT	TGCAATGAAT AGTCTCTAGC TTTTCTGAAT AGGTTTGGAC TCTTTTAATT CATTCTCTTC TTAAAACTTT AGAAGTTCTIG CATATTCTAA CTTGGATCTC TGGCATTTCA TGAGATCTT ATTTTTCTGG
369651 369701 369751 369801 369851 369901 369951 370001 370051 370151 370151	TAGATAGCCT CTCCTAGGAG AAGACCAGGG GATTIGCTTT GTTTTATATA CTTGTTTCAT AAGCTCTGAC GCATTGCATT	GATGAATATA TICTTIGAGC AAGTTICCCT TCTTTICTCT ATCTCATATT TATCTTTTC ATCCTTTCT TIGTAATTCC AAAATATGTC TGAATTCCT TTAATAGTCA TTTAATAGTCA TTTGGTTTTGG GTAGAACTGT	TGCCTTGCTG TTCTTGTATT CAATTATTCT CAGGAACACT TCTTGGAGAC TGATTTGGTT CTACTTGATC CAAAATATGT TCTTTAGAAA ATGTTTGGTT GCATTTTGAA ATCTATTGCT GCATTTTGAA	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAAG TAGTCTGTTT CTTCATTTTT ACTTTCCATT TCAATTTCT TCAATTTCT TCAATTTCT TCAGGAGGTTAG TTGCAGAATT	TGCAATGAAT AGTCTCTAGC TTTTCTGAAT AGGTTTGGAC TCTTTTAATT CATTCTCTTC TTAAAACTTT AGAAGTTCTG CATATTCTAA CTTGGATCTC TGGCATTTCA TGAGATCTT TGGCATTTCA TGAGATCTTT
369651 369701 369751 369801 369851 369901 370001 370051 370101 370151 370201 370251	TAGATAGCCT CTCCTAGGAG AAGACCAGGG GATTIGCTTT GTTTATATA CTIGTTTCAT AAGCTCTGAC GCATTGCTTT GTTTTCTT ATTGTTATTG ATTGGAGCAAC AAGATTTTGT GGAGGGTGTT TTCCTTATCA	GATGAATATA TICTTIGAGC AAGTTICCCT TCTTTICTCT ATCTCATATT TATCTTTTC ATCCTTTCT TIGTAATTCC AAAATATGTC TGAATTCCT TTAATAGTCA TTTGGTTTGG	TGCCTTGCTG TTCTTGTATT CAATTATTCT CAGGAACACT TCTTGGAGAC TGATTTGGTT CTACTTGATC CAAAATATGT TCTTTAGAAA ATGTTTGGTT GCATTTTGAA ATCTATTGCT GCTTTTTATA CTACTTTTC	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAAG TAGTCTGTTT CTTCATTTTT ACTTTCCATT TCAATTTCT TTAATTTCT TCAGAGGTTAG TTGCAGAATT TTACTATTTT TTACTATTTT TTACTATTTT TTACTATTTT TTACTATTTT TTACTATTTT TTACTATTTT TTACTATTTT TTACTATTTT	TGCAATGAAT AGTCTCTAGC TTTTCTGAAT AGGTTTGGAC TCTTTTAATT CATTCTCTTC TTAAAACTTT AGAAGTTCTIG CATATTCTAA CTTGGATCTIC TGGCATTTCA TGAGATCTTT ATTTTTCTGG TGAATTTATT
369651 369701 369751 369801 369851 369901 369951 370001 370051 370101 370151 370251 370301	TAGATAGCCT CTCCTAGGAG AAGACCAGGG GATTIGCTTT GITTTATATA CTIGITTCAT AAGCTCTGAC GCATTGCATT GITTTATTG ATTGAGCAAC AAGATTTIGT GAGGGGTGT TTCCTTATCA TTTTATTCTA	GATGAATATA TICTTIGAGC AAGITICCCT TCTTTICTCT ATCTCATATT TATCTTTTC ATCCTTTCTT TIGTAATTCC AAAATATGTC TAAATAGTCA ATTTGGTTTGG	TGCCTTGCTG TTCTTGTATT CAATTATTCT CAGGAACACT TCTTGGAGAC TGATTTGGTT CTACTTGATC CAAAATATGT TCTTTAGAAA ATGTTGGTT GCATTTTGAA ATGTTGCT GCATTTTGAA CTACTTTTTC AAAAATTCCC	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAAG TAGTCTGTTT CTTCATTTTT ACTTTCATTTT TCAATTTTCT TTTTTTTT	TGCAATGAAT AGTCTCTAGC TTTTCTGAAT AGGTTTGGAC TCTTTTAATT CATTCTCTTC TTAAAACTTT AGAAGTTCTG CATATTCTAA CTTGGATCTC TGGCATTTCA TGAGATCTT ATTTTTCTGG TGAATTTATT TGACTTTAAT
369651 369701 369751 369801 369851 369901 370001 370051 370101 370151 370201 370301 370351	TAGATAGCCT CTCCTAGGAG AAGACCAGGG GATTIGCTTT GITTTATATA CTIGITTCAT AAGCTCTGAC GCATTGCATT GITTTCTTC ATTGTTATTG ATCGAGCAAC AAGATTTTG TTCCTTATCA TTTTATTCTA GTTTGCGTTA GTTTGCGTTA	GATGAATATA TICTTIGAGC AAGITICCCT TCTTTICTCT ATCTCATATT TATCTTTTC ATCCTTTCTT TIGTAATTCC AAAATATGTC AAAATATGTC TGATTICTT TTAATAGTCA TTTGGTTTGG GTAGAACTGT TTTGGGTTAAA TAGTCACCTA	TGCCTTGCTG TTCTTGTATT CAATTATTCT CAGGAACACT TCTTGGAGAC TGATTTGGTT CTACTTGATC CAAAATATGT TCTTTAGAAA ATGTTTGGATT GCATTTTGAA ATGTTTGAAA ATGTTTGAT GCATTTTGAA CTACTTTTTC AAAAATTCCC GCTTAGGCTC	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAAG TAGTCTGTTT CTTCATTTTT ACTTTCATTTT TCAATTTTT TCAATTTTT TCAATTTTT TCAGTTTAGTTT	TGCAATGAAT AGTCTCTAGC TTTTCTGAAT AGGTTTGGAC TCTTTTAATT CATTCTCTTC TTAAAACTTT AGAAGTTCTG CATATTCTAA CTTGGATCTC TGGCATTTCA TGAGATCTT ATTTTTCTGG TGAATTTATT TGACTTTAAT CAGTGGCAAA
369651 369701 369751 369801 369851 369901 370001 370051 370151 370151 370201 370251 370301 370351 370401	TAGATAGCCT CTCCTAGGAG AAGACCAGGG GATTIGCTTT GITTTATATA CTIGITTCAT AAGCTCTGAC GCATTGCATT GITTTCTTC ATTGTTATTG ATCGAGCAAC AAGATTTTG GAGGGGTT TTCCTTATCA TTTTATTCTA GTTTGCGGTA GACTTTCCAA	GATGAATATA TICTTIGAGC AAGITICCCT TCTTTICTCT ATCCTATATT TATCTTTTIC ATCCTTTCTT TIGTAATTCC AAAATATGTC TCATTTTTT TAATAGTCA TTTTGGTTAGA TTTTGGTTAGA TTTTGGTTAGA CTCGGTTAAA TAGTCACCTA GTTCCTTGGT	TGCCTTGCTG TTCTTGTATT CAATTATTCT CAGGAACACT TCTTGGAGAC TGATTTGGTT CTACTTGATC CAAAATATGT TCTTTAGAAA ATGTTGGTT GCATTTTGAA ATCTATTGCT GCATTTTTAGAA ATCTATTGCT GCTTTTTATA CTACTTTTC AAAAATTCCC GCTTAGGCTC TATAAAACAT	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAAG TAGTCTGTTT CTTCATTTTT ACTTTCCATT TCAATTTTCT TTTTTTTATC GGGAGGTTAG TTGCAGAATT TTACTATTTT CTTGAGAATG TGAGTGCTTT CTTTGAGAATG TGAGTGCTTT CTTTGCACAG	TIGCAATIGAAT AGTCTCTAGC TITTCTGAAT AGGTTTGGAC TICTTTAATT CATTCTCTTC TTAAAACTTT AGAAGTTCTG CATATTCTAA CTTGGATCTC TIGGATCTC TIGGATTTCA TIGGATTTCA TIGGATTTCA TIGGATTTTAT TIGACTTTAAT CAGTGGCAAA TIGGCTTTCTC
369651 369701 369751 369801 369851 369901 370051 370101 370151 370201 370251 370301 370351 370401 370451	TAGATAGCCT CTCCTAGGAG AAGACCAGGG GATTIGCTTT GITTTATATA CTIGITTCAT AAGCTCTGAC GCATTGCATT GITTTCTTC ATTGTTATTG ATCGAGCAAC AAGATTTTG GAGGGGGTGT TTCCTTATCA TTTTATTCTA GTTTGCGGTA GACTTTCCAA ATATGCTGGT	GATGAATATA TICTTIGAGC AAGITICCCT TCTTTICTCT ATCTCATATT TATCTTTTIC ATCCTTTCTT TIGTAATTCC AAAATATGTC TCATTTTT TAATAGTCA TTTGGTTGGTTGG GTAGAACTGT TTTGGGTAGA CTGGGTTAAA TAGTCACCTA GTTCCTTGGT TGTAGTACCA	TGCCTTGCTG TTCTTGTATT CAATTATTCT CAGGAACACT TCTTGGAGAC TGATTTGGTT CTACTTGATC CAAAATATGT TCTTTAGAAA ATGTTGGTT GCATTTTGAA ATCTATTGCT GCATTTTTTC AAAAATTCCC GCTTAGGCTC TATAAAACAT GTGTGCTGGG	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAAG TAGTCTGTTT CTTCATTTTT ACTTTCCATT TCAATTTTCT TTTTTTTATC GGGAGGTTAG TIGCAGAATT TTACTATTTT CTTGAGAATG TGAGTGCTTT CTTTGCACAG TGTGTGAACA	TGCAATGAAT AGTCTCTAGC TTTTCTGAAT AGGTTTGGAC TCTTTTAATT CATTCTCTTC TTAAAACTTT AGAAGTTCTG CATATTCTAA CTTGGATTCA TGGATTTCA TGGATTTCA TGAGATCTTT ATTTTCTGG TGAATTTATT TGACTTTAAT CAGTGGCAAA TGGCTTTCTC GGTTCACTGT
369651 369701 369751 369801 369851 369901 370001 370051 370101 370201 370251 370301 370351 370401 370451 370401	TAGATAGCCT CTCCTAGGAG AAGACCAGGG GATTIGCTTT GTTTTATATA CTIGTTTCAT AAGCTCTGAC GCATIGCATT GTTTTCTTC ATTIGTTATTG ATCGAGCAAC AAGATTTTGT GGAGGGTGTT TTCCTTATCA TTTTATTCTA GTTTGCTTATCA TTTTATTCTA GACTTTCCAA ATATGCTGGTC CTCGTGGGGC	GATGAATATA TICTTIGAGC AAGTTICCCT TCTTTICTCT ATCTCATATT TATCTTTTIC ATCCTTTCT TIGGAATTCC AAAATATIGTC TGATTICTT TTAATAGTCA TTIGGTTIGG GTAGAACTGT TTTIGGGTAGA CTGGGTTAAA TAGTCACCTA GTTCCTTGGT TGTAGTACCA TGGAATGGCA	TIGCTTIGCTIG TTICTTIGTATT CAATTATTCT CAGGAACACT TCTTIGGAGAC TGATTTIGGTT CTACTTIGATC CAAAATATGT TCTTTAGAAA ATGTTIGGTT GCATTTTIGAA ATGTTIGGTT GCATTTTIGAA ATCTATTIGCT GCTTTTTATA CTACTTTTTC AAAAATTTCCC GCTTAGACCT TATAAAACAT GTGTGCTGGG GAGGTCCCAT	ATGTCCATTT TGGATGICTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAG TAGTCTGTTT CTTCATTTTT ACTTTCCATT TCAATTTTCT TTTTTTTATC GGGAGGTTAG TTGCAGAATT TTACTATTTT CTTGAGAATG TGAGGAGTTT CTTTGCACAG TGGGTGAACA GAAGCTTACA	TIGCAATIGAAT AGITCICTAGC TITTICTIGAAT AGGITTIGGAC TCTTTTAATT CATTCICTTT AGAAGTICTIC TTAAAACTIT AGAAGTICTIC TTGGATCTC TTGGATCTC TTGGATCTT ATTTTTCTGG TTGAATTTATT TTGACTTTAAT CAGTTGCAAA TTGGCTTTTCAT CAGTTGCAAA TTGGCTTTCTC TTCATTCTCCGT TTCATTCTCCTCT TTCATTCTCTCTCTCTCTCTCTCT
369651 369701 369751 369801 369851 369901 370001 370051 370101 370201 370251 370301 370351 370401 370451 370401	TAGATAGCCT CTCCTAGGAG AAGACCAGGG GATTIGCTTT GTTTTATATA CTIGTTTCAT AAGCTCTGAC GCATIGCATT GTTTTCTTC ATTIGTTATTG ATCGAGCAAC AAGATTTTGT GGAGGGTGTT TTCCTTATCA TTTTATTCTA GTTTGCTTATCA TTTTATTCTA GACTTTCCAA ATATGCTGGTC CTCGTGGGGC	GATGAATATA TICTTIGAGC AAGTTICCCT TCTTTICTCT ATCTCATATT TATCTTTTIC ATCCTTTCT TIGGAATTCC AAAATATGTC TGATTICTT TTAATAGTCA TTIGGTTIGG GTAGAACTGT TTIGGGTAGA CTGGGTTAAA TAGTCACCTA GTTCCTTGGT TGTAGTACCA TGGAATGGCA	TIGCTTIGCTIG TTICTTIGTATT CAATTATTCT CAGGAACACT TCTTIGGAGAC TGATTTIGGTT CTACTTIGATC CAAAATATGT TCTTTAGAAA ATGTTIGGTT GCATTTTIGAA ATGTTIGGTT GCATTTTIGAA ATCTATTIGCT GCTTTTTATA CTACTTTTTC AAAAATTTCCC GCTTAGACCT TATAAAACAT GTGTGCTGGG GAGGTCCCAT	ATGTCCATTT TGGATGICTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAG TAGTCTGTTT CTTCATTTTT ACTTTCCATT TCAATTTTCT TTTTTTTATC GGGAGGTTAG TTGCAGAATT TTACTATTTT CTTGAGAATG TGAGGAGTTT CTTTGCACAG TGGGTGAACA GAAGCTTACA	TIGCAATIGAAT AGITCICTAGC TITTICTIGAAT AGGITTIGGAC TCTTTTAATT CATTCICTTT AGAAGTICTIC TTAAAACTIT AGAAGTICTIC TTGGATCTC TTGGATCTC TTGGATCTT ATTTTTCTGG TTGAATTTATT TTGACTTTAAT CAGTTGCAAA TTGGCTTTTCAT CAGTTGCAAA TTGGCTTTCTC TTCATTCTCCGT TTCATTCTCCTCT TTCATTCTCTCTCTCTCTCTCTCT
369651 369701 369751 369801 369851 369951 370001 370051 370101 370151 370201 370301 370301 370401 370401 370451 370501 370551	TAGATAGCCT CTCCTAGGAG AAGACCAGGG GATTIGCTTT GTTTTATATA CTIGTTTCAT AAGCTCTGAC GCATIGCATT GTTTTCTTC ATTIGTTATTG ATCGAGCAAC AAGATTTTGT GGAGGGTGTT TTCCTTATCA TTTTATTCTA GATTTGCGGTA GACTTTCCAA ATATGCTGGTC GTGGTGTGTA	GATGAATATA TICTTIGAGC AAGTTICCCT TCTTTICTCT ATCTCATATT TATCTTTTIC ATCCTTTCTT TIGGAATTCC AAAATATGTC TGATTICTT TTAATAGTCA TTIGGTTIGG GTAGAACTGT TTITGGGTAGA CTGGGTTAAA TAGTCACCTA GTICCTTGGT TGTAGTACCA TTIGGTAGA CTGGGTTACA CTGGTTACA CTGTTCCTTGGT TGTAGTACCA CTTTTCAGTT	TIGCETTIGETG TTICTTGTATT CAATTATTET CAAGGACACT TETTIGGAGAC TIGATTIGGTT CTACTTGATC CAAAATATIGT TETTTAGAAA ATGTTTIGATT GCATTTTIGAA ATGTTTIGAT ATGTTTIGAT CTACTTTTICAAAATTTCCC GCTTATTATAACTT TAAAACAT GTGTGCTGGG GAGGTCCCAT TTTTTCCCAT	ATGTCCATTT TGGATGICTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAAG TAGTCTGTTT CTTCATTTT ACTTTCCATT TCAATTTTCT TTTTTTTATC GGGAGGTTAG TTGCAGAATT TTACTATTTT CTTGAGAATG TGAGGAGTTT CTTTGCACAG TGTGTGAACA AGAGCTTACA AATATTTTCT	TIGCAATIGAAT AGTICTCTAGC TITTICTIGAAT AGGITTIGGAC TCTTTTAATT CATTCTCTTC TTAAAACTTT AGAAGTICTIC TIGGATCTC TIGGATCTC TIGGATCTC TIGGATCTC TIGGATCTT ATTTTTCTGG TIGAATTTATT TIGACTTTAAT CAGTIGGCAAA TIGGCTTTCC GGTTCACTGG ACTGAGTTGA
369651 369701 369751 369801 369851 369901 370001 370051 370101 370151 370201 370351 370401 370451 370451 370451 370501 370501	TAGATAGCCT CTCCTAGGAG AAGACCAGGG GATTIGCTTT GTTTTATATA CTIGTTTCAT AAGCTCTGAC GCATTGCATT GTTTTCTTC ATTGTTATTG ATTGAGCAAC AAGATTTTGT GGAGGGTGTT TTCCTTATCA TTTTATTCTA GTTTGCGGTA GACTTTCCAA ATTGCTGGGTC CTCGTGGGGCC GTGGTGTGTA ACAGTTCAGC	GATGAATATA TICTTIGAGC AAGTTICCCT TCTTTICTCT ATCTCATATT TATCTTTTIC ATCCTTTCTT TIGTAATTCC AAAATATIGTC TGATTICTT TTAATAGTCA TTIGGTTIGG GTAGAACTGT TTTGGGTAGA CTGGGTTAAA TAGTCACCTA GTTCCTTGGT TGTAGTACCA TGGAATGGCA TGGAATGGCA TGGAATGGCA TGGAATGGCA TGGAATGGCA TGTAGTACCA TTTTCAGTT TTTTTCAGTT	TIGCETTIGETG TTICTTGTATT CAATTATTET CAGGAACACT TETTIGGAGAC TIGATTIGGTT CTACTTGATC CAAAATATIGT TETTTAGAAA ATIGTTTIGATT GCATTTTIGAT ATIGTTT GCATTTTIGAT ATIGTTT GCATTTTIGAT CTACTTTTTC AAAAATTCCC GCTTAGGCTC TATAAAACAT GTGGTGCTGGG GAGGTCCCAT GTAGGAGGTA	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAAG TAGTCTGTTT CTTCATTTT ACTTTCATTT ACTTTCATTT TCAATTTTC TTTTTTTATC GGGAGGTTAG TTGCAGAATT TTACTATTTT CTTGAGAATG TGAGTGCTTT CTTTGCACAG TGTGGACA GAAGCTTACA AATATTTTTC CCCACAGGTA	TIGCAATIGAAT AGTICTCTAGC TITTICTIGAAT AGGITTIGGAC TCTTTTAATT CATTCTCTTC TTAAAACTTT AGAAGTICTGA CATAGTICTAA CTTGGATCTC TGGCATTTCA TGAGATCTT ATTTTTCTGG TGAATTTATT TGACTTTAAT CAGTGGCAAA TGGCTTTCC GGTTCACTG ACTGAGTTGA AAAACAGCTG ACTGAGTTGA AAAACAGCTG
369651 369701 369751 369801 369851 369901 370001 370051 370101 370151 370201 370351 370401 370451 370451 370551 370601 370651	TAGATAGCCT CTCCTAGGAG AAGACCAGGG GATTIGCTTT GTTTTATATA CTIGTTTCAT AAGCTCTGAC GCATTGCATT GTTTTCTTC ATTGTTATTG ATCGAGCAAC AAGATTTTGT GGAGGGTGTT TTCCTTATCA TTTTATTCTA GTTTGCGGTA GACTTTCCAA ATATGCTGGT CTCGTGGGGC GTGGTGTTA ACAGTTCAGC CAGCTTAAGC CAGCTTAAGC	GATGAATATA TICTTIGAGC AAGTTICCCT TCTTTICTCT ATCTCATATT TATCTTTTIC ATCCTTTCTT TIGTAATTCC AAAATATIGTC TGATTICTT TTAATAGTCA TTTGGTTTGG GTAGAACTGT TTTGGGTTAAA TAGTCACCTA GTTCCTTGGT TGTAGTACCA TGGAATGGCA CTTTTCAGTT TTTTTTTTTT	TIGCETTIGETG TTICTTGTATT CAATTATTET CAGGAACACT TETTIGGAGAC TIGATTIGGTT CTACTTGATC CAAAATATIGT TETTTAGAAA ATGTTTIGATT GCATTTTIGAT ATGTTTTIGAT ATGTTTTIGAT CTACTTTTTC AAAAATTCCC GCTTAGGCTC TATAAAACAT GTGTGCTGGG GAGGTCCCAT TTTTTTCCCAT GTAGGAGGTA ATGCAATACC	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCATAT GATTCAAAAG TAGTCTGTTT CTTCATTTT ACTTTCATT TCATTTTT ACTTTCATT TCATTTT TCATTTT TCATTTT TCATTTT TCATTTT TTACTATTT CTTGAGAATG TGAGGAGTTAC TGAGGTGCTTT CTTTGCACAG TGTGTGAACA GAAGCTTACA AATATTTTC CCCACAGGTA CCAGTGGTGG CCACTGGTGG CCACAGGTA CCAGTGGTGG CCACAGGTA CCACAGGTA CCAGTGGTGG CCACAGGTA CCAGTGGTGC CCACAGGTA CCAGTGGTGC CCACAGGTA CCAGTGGTGC CCACAGGTA CCAGTGGT CCACAGGTA CCAGTGGT CCACAGGTA CCAGTGGT CCACAGGTA CCAGTA CCAGTGGT CCACAGGTA CCAGTGGT CCACAGGTA CCAGTGGT CCACAGGT CCACAGT CC	TIGCAATIGAAT AGTICTICTIAGC TITTICTIGAAT AGGITTIGGAC TCTTTTAATT CATTCTCTTC TTAAAACTITT AGAAGTITCTAA CTTGGATCTC TGGCATTTCA TGAGATCTT ATTTTTCTGG TGAATTTATT TGACTTTAAT CAGTGGCAAA TGGCTTTCTC GGTTCACTTCG GTTCACTTCG ACTGAGTTGA AAAACAGCTG ACAGAAGTCC
369651 369701 369751 369801 369851 369901 370001 370051 370101 370151 370201 370351 370401 370451 370451 370551 370601 370651 370601	TAGATAGCCT CTCCTAGGAG AAGACCAGGG GATTIGCTTT GTTTTATATA CTIGTTTCAT AAGCTCTGAC GCATTGCATT GTTTTCAT AAGCTCTGAC GCATTGCATT	GATGAATATA TICTTIGAGC AAGTTICCCT TCTTTICTCT ATCTCATATT TATCTTTTIC ATCCTTTCTT TIGTAATTCC AAAATATIGTC TGATTICTT TTAATAGTCA TTTGGTTIGG GTAGAACTGT TTTGGGTAGA CTGGGTTAAA TAGTCACCTA GTTCCTTGGT TGTAGTACCA TGGAATGGCA CTTTTCAGTT TTTTTCAGTT TTTTTTTTTT	TIGCETTIGETG TTICTTGTATT CAATTATTET CAGGAACACT TETTIGGAGAC TIGATTIGGTT CTACTTGATC CAAAATATIGT TETTTAGAAA ATGTTTIGATT GCATTTTIGAT ATGTTTTIGAT ATGTTTTTC AAAAATTTCC GCTTAGGCTC TATAAAACAT GTGTGCTGGG GAGGTCCCAT TTTTTTCCAT GTAGGAGGTA ATGCAATACC GGGGGAGCTC GGGGGGAGCTC	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAAG TAGTCTGTTT CTTCATTTT ACTTTCATT TCATTTTT ACTTTCATT TCATTTT ACTTTCATT TCATTTT TCATTTT TCATTTT TCATTTT TCATTTT CTTGAGAATG TTGCAGATT TTACTATTTT CTTGAGAATG TGAGTGCTTT CTTTGCACAG TGTGTGACA GAAGCTTACA AATATTTTC CCCACAGGTA CCAGTGGTGG TCCTTGAAAG	TIGCAATIGAAT AGTICTICTAGC TITTICTIGAAT AGGITTIGGAC TCTTTTAATT CATTCTCTTC TTAAAACTITT AGAAGTITCTAA CTTGGATCTC TGGCATTTCA TGAGATCTT ATTTTTCTGG TGAATTTATT TGACTTTAAT CAGTGGCAAA TGGCTTTCTC GGTTCACTCG GCTTCCTC GGTTCACTCG ACAGAGTTCA AAAACAGCTG ACAGAAGTCC GCACTGAGGT ACAGAAGTCC GCACTGAGGT ACAGAAGTCC GCACTGAGGT ACAGAAGTCC GCACTGAGGT ACAGAAGTCC GCACTGAGGT
369651 369701 369751 369801 369851 369901 370001 370051 370101 370151 370201 370351 370401 370451 370451 370551 370601 370651 370601	TAGATAGCCT CTCCTAGGAG AAGACCAGGG GATTIGCTTT GTTTTATATA CTIGTTTCAT AAGCTCTGAC GCATTGCATT GTTTTCAT AAGCTCTGAC GCATTGCATT	GATGAATATA TICTTIGAGC AAGTTICCCT TCTTTICTCT ATCTCATATT TATCTTTTIC ATCCTTTCTT TIGTAATTCC AAAATATIGTC TGATTICTT TTAATAGTCA TTTGGTTIGG GTAGAACTGT TTTGGGTAGA CTGGGTTAAA TAGTCACCTA GTTCCTTGGT TGTAGTACCA TGGAATGGCA CTTTTCAGTT TTTTTCAGTT TTTTTTTTTT	TIGCETTIGETG TTICTTGTATT CAATTATTET CAGGAACACT TETTIGGAGAC TIGATTIGGTT CTACTTGATC CAAAATATIGT TETTTAGAAA ATGTTTIGATT GCATTTTIGAT ATGTTTTIGAT ATGTTTTTC AAAAATTTCC GCTTAGGCTC TATAAAACAT GTGTGCTGGG GAGGTCCCAT TTTTTTCCAT GTAGGAGGTA ATGCAATACC GGGGGAGCTC GGGGGGAGCTC	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAAG TAGTCTGTTT CTTCATTTT ACTTTCATT TCATTTTT ACTTTCATT TCATTTT ACTTTCATT TCATTTT TCATTTT TCATTTT TCATTTT TCATTTT CTTGAGAATG TTGCAGATT TTACTATTTT CTTGAGAATG TGAGTGCTTT CTTTGCACAG TGTGTGACA GAAGCTTACA AATATTTTC CCCACAGGTA CCAGTGGTGG TCCTTGAAAG	TIGCAATIGAAT AGTICTICTAGC TITTICTIGAAT AGGITTIGGAC TCTTTTAATT CATTCTCTTC TTAAAACTITT AGAAGTITCTAA CTTGGATCTC TGGCATTTCA TGAGATCTT ATTTTTCTGG TGAATTTATT TGACTTTAAT CAGTGGCAAA TGGCTTTCTC GGTTCACTCG GCTTCCTC GGTTCACTCG ACAGAGTTCA AAAACAGCTG ACAGAAGTCC GCACTGAGGT ACAGAAGTCC GCACTGAGGT ACAGAAGTCC GCACTGAGGT ACAGAAGTCC GCACTGAGGT ACAGAAGTCC GCACTGAGGT
369651 369701 369751 369801 369851 369901 370001 370051 370101 370151 370201 370301 370351 370401 370501 370501 370501 370501 370501 370501 370501 370701 370751	TAGATAGCCT CTCCTAGGAG AAGACCAGGG GATTIGCTTT GTTTTATATA CTTGTTTCAT AAGCTCTGAC GCATTGCATT	GATGAATATA TICTTIGAGC AAGTTICCCT TCTTTICTCT ATCTCATATT TATCTTTTC ATCCTTTCTT TIGTAATTCC AAAATATGTC TGAATTCC AAAATATGTC TTAATAGTCA TTTGGTTTGG	TGCCTTGCTG TTCTTGTATT CAATTATTCT CAGGAACACT TCTTGGAGAC TGATTTGGTT CTACTTGATC CAAAATATGT TCTTTAGAAA ATGTTTGGTT GCATTTTGAT ATCTATTGGTT GCATTTTGAA ATCTATTGCT GCTTTTTATA CTACTTTTC AAAAATTCCC GCTTAGGCTC TATAAAACAT GTGTGCTGGG GAGGTCCCAT TTTTTCCCAT GTAGGAGGTA ATGCAATACC GGGGGAGCTC GAGCCACCTC	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAAG TAGTCTGTTT CTTCATTTT ACTTTCCATT TCAATTTTT ACTTTCATT TCAATTTT TCAATTTTT TCAATTTTT TCAATTTTT TCAGAATG TTGCAGAATT TTACTATTTT CTTGCACAG TGTGTGAACA GAAGCTTACA AATATTTTTC CCCCACAGGTA CCACAGGTA CCACTGAAAG AGCTTCTCTT	TIGCAATIGAAT AGTICTICTAGC TITTICTIGAAT AGGITTIGGAC TICTITTAATT CATTICTICTTT TTAAAACTTT AGAAGTTICTIG CATATTICTIAA TIGGATICTIC TIGGATICTIC TIGGATICTIC TIGGATITTICA TIGGATITTICA TIGGATITTICTIC TIGGATITTIC TIGGATIT TIGGATITTIC TIGGATITTIC TIGGATITTIC TIGGATIT TIGGATITTIC TIGGATITTIC TIGGATIT
369651 369701 369751 369801 369851 369901 370001 370051 370101 370251 370301 370351 370401 370551 370501 370501 370501 370501 370501 370501 370751 370701 370751 370801	TAGATAGCCT CTCCTAGGAG AAGACCAGGG GATTIGCTTT GTTTTATATA CTTGTTTCAT AAGCTCTGAC GCATTGCATT	GATGAATATA TICTTIGAGC AAGTTICCCT TCTTTICTCT ATCTCATATT TATCTTTTC ATCCTTCTT TIGTAATTCC AAAATATGTC TGAATTCC AAAATATGTC TGAATTCC AAAATATGTC TGAGTAGA CTGGGTAGA CTGGGTAGA CTGGGTAGA CTGGGTAGA CTGGGTAGA CTGGGTAGA CTGGATGCCA TGGAATGGCA CTTTCAGTT TTTTGGGCCA AGATGGCAC CTTTCAGTT TTTTGGGCCA AGATGGCAC TGAAAGGGAC TGAAAGGGAC TGAAAGGGAC TCGCCTCCC	TGCCTTGCTG TTCTTGTATT CAATTATTCT CAGGAACACT TCTTGGAGAC TGATTTGGTT CTACTTGATC CAAAATATGT TCTTTAGAAA ATGTTTGGTT GCATTTTGAT ATCTATTGGTT GCATTTTGAA ATCTATTGCT GCTTTTTATA CTACTTTTC AAAAATTCCC GCTTAGGCTC TATAAAACAT GTGTGCTGGG GAGGTCCCAT TTTTTCCCAT GTAGGAGGTA ATGCAATACC GGGGGAGCTC GAGCCACCTC TGTCACACTC	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAAG TAGTCTGTTT CTTCATTTT ACTTTCCATT TCAATTTTT ACTTTCCATT TCAATTTTT TCAATTTTT TCAATTTTT TCAATTTTT CTTGAGAATG TTGCAGAATT TTACTATTTT CTTTGCACAG TGTGTGAACA GAAGCTTACA AATATTTTTC CCCACAGGTA CCACAGGTAC CCCTTGAAAG AGCTTCTCTT ATGTCGCAAT	TIGCAATIGAAT AGTICTICTAGC TITTICTIGAAT AGGITTIGGAC TICTITTAATT CATTICTICTTT TTAAAACTTT AGAAGTTICTIG CATATTICTICA TIGGATICTIC TIGGATICTIC TIGGATICTIC TIGGATITTICA TIGGATITTICA TIGGATITTICTICG TIGAATTTATT TIGACTTTAAT CAGTIGGCAAA TIGGCTTTICTIC GGTTCACTIGT TCATTICTICCG ACTIGAGTTIGA AAAACAGCTIG ACTIGAGTTICA CGCACTGAGGTTC GCACTGAGGTTC CCAGACCAGC GTTCTICGGATA
369651 369701 369751 369801 369851 369901 369951 370001 370051 370101 370251 370301 370351 370401 370451 370601 370651 370601 370701 370701 370701 370701 370701 370701	TAGATAGCCT CTCCTAGGAG AAGACCAGGG GATTIGCTTT GTTTTATATA CTTGTTTCAT AAGCTCTGAC GCATTGCATT	GATGAATATA TICTTIGAGC AAGTTICCCT TCTTTICTCT ATCTCATATT TATCTTTTC ATCCTTTTTC ATCCTTTTTC ATCCTTTTTC TIGTAATTCC AAAATATGTC TGAATTICTT TTAATAGTCA TTTGGTTTGG GTAGAACTGT TTTGGGTAGA CTGGGTTAAA TAGTCACCTA GTTCCTTGGT TGTAGTACCA TGGAATGGCA CTTTTCAGTT TTTTGGGCCA AGATGGCACT AGAAGCACT GAAGGCACT GAAGGGACG TCTGCCTCCC ACGAGGCACT	TGCCTTGCTG TTCTTGTATT CAATTATTCT CAGGAACACT TCTTGGAGAC TGATTTGGTT CTACTTGGTT CTACTTGGTT CAAAATATGT TCTTTAGAAA ATGTTTGGTT GCATTTTGAA ATCTATTGCT GCTTTTTATA CTACTTTTTC AAAAATTCCC GCTTAGGCTC TATAAAACAT GTGTGCTGGG GAGGTCCCAT TTTTTCCAT GTAGGAGGTA ATGCAATACC GGGGGAGCTC CGGGGGAGCTC TGTCACACTC TGTCACACTC TCTGTGGATC	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAAG TAGTCTGTTT CTTCATTTTT ACTTTCATTTT ACTTTCATTTT ACTTTCATTTT TCAATTTTCT TTTTTTTT	TIGCAATIGAAT AGTCTCTAGC TITTICTIGAAT AGGTTTIGGAC TCTTTTAATT CATTCTCTTC TTAAAACTTT AGAAGTTCTIG CATATTCTAA CTTIGGATCTC TIGGATCTC TIGGATCTT ATTTTTCTIGG TIGAATTTAAT CAGTIGGAAA TIGACTTTAAT CAGTIGGAAA TIGACTTTCTC GGTTCACTGT TCATTCTCCG ACTIGAGTT TCATTCTCCG ACTIGAGTT AAAACAGCTIG ACAGAAGTCC GCACTGAGGT CCAGACCCAGC GTTCTTIGATAA CTIGACATTCA CTIGACATTCA CTIGACATTCA CTIGACATTCA CTIGACATTCA CTIGACATTCA
369651 369701 369751 369801 369851 369901 369951 370001 370051 370101 370251 370301 370351 370401 370451 370601 370651 370601 370751 370701 370701 370701 370701 370701 370701	TAGATAGCCT CTCCTAGGAG AAGACCAGGG GATTIGCTTT GTTTTATATA CTTGTTTCAT AAGCTCTGAC GCATTGCATT	GATGAATATA TICTTIGAGC AAGTTICCCT TCTTTICTCT ATCTCATATT TATCTTTTC ATCCTTTTTC ATCCTTTTTC ATCCTTTTTC ATCCTTTTT TIGTAATTCC AAAATATGTC TGAATTICTT TTAATAGTCA ATTTGGTTTGG GTAGAACTGT TTTGGGTAGA CTGGGTTAAA TAGTCACCTA GTTCCTTGGT TGTAGTACCA TGGAATGGCA CTTTTCAGTT TTTTGGGCCA AGATGGCATAT AGAAGCAACT GAAAGGGAACT GAATGGCACT GAAGGGAACT GAAGGGAACT GAAGGGAACT GAAGGGAACT GAAGGGAACT GAAGGGAACT GAAGGGAACT GAATGGAACT GAAGGGAACT GAAGGGAACT GATTGTGAAC	TGCCTTGCTG TTCTTGTATT CAATTATTCT CAGGAACACT TCTTGGAGAC TGATTTGGTT CTACTTGGTT CTACTTGGTT CAAAATATGT TCTTTAGAAA ATGTTTGGTT GCATTTTGAA ATCTATTGCT GCTTTTTATA CTACTTTTTC AAAAATTCCC GCTTAGGCTC TATAAAACAT GTGTGCTGGG GAGGTCCCAT TTTTTCCAT GTAGGAGGTA ATGCAATACC GGGGGAGCTC CGGGGGAGCTC TGTCACACTC TCTGTGGATC CTACCCCAAA	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAAG TAGTCTGTTT CTTCATTTTT ACTTTCATTTT ACTTTCATTTT ACTTTCATTTT TCAATTTTCT TTTTTTTT	TIGCAATIGAAT AGTCTCTAGC TITTICTIGAAT AGGTTTIGGAC TCTTTTAATT CATTCTCTTC TTAAAACTTT AGAAGTTCTIG CATATTCTAA CTTIGGATCTC TIGGATCTC TIGGATCTT ATTTTTCTIGG TIGACTTTAAT CAGTIGGAAA TIGACTTTAAT CAGTIGGAAA TIGACTTTAAT CAGTIGGAAA TIGACTTTCTC GGTTCACTGT TCATTCTCCG ACTIGAGTT TCATTCTCCG ACTIGAGTT AAAACAGCTIG ACAGAAGTCC GCACTGAGGT CCAGACCCAGC GTTCTTIGATA AGGCCATCC ACTIGACTTCA AAGGCCATCC ACTIGACTAC AAGGCCATCC ACTIGACTTCA AAGGCCATCC
369651 369701 369751 369801 369851 369901 369951 370001 370051 370101 370251 370301 370351 370401 370451 370601 370651 370601 370751 370701 370701 370701 370701 370701 370701	TAGATAGCCT CTCCTAGGAG AAGACCAGGG GATTIGCTTT GTTTTATATA CTTGTTTCAT AAGCTCTGAC GCATTGCATT	GATGAATATA TICTTIGAGC AAGTTICCCT TCTTTICTCT ATCTCATATT TATCTTTTC ATCCTTTTTC ATCCTTTTTC ATCCTTTTTC ATCCTTTTT TIGTAATTCC AAAATATGTC TGAATTICTT TTAATAGTCA ATTTGGTTTGG GTAGAACTGT TTTGGGTAGA CTGGGTTAAA TAGTCACCTA GTTCCTTGGT TGTAGTACCA TGGAATGGCA CTTTTCAGTT TTTTGGGCCA AGATGGCATAT AGAAGCAACT GAAAGGGAACT GAATGGCACT GAAGGGAACT GAAGGGAACT GAAGGGAACT GAAGGGAACT GAAGGGAACT GAAGGGAACT GAAGGGAACT GAATGGAACT GAAGGGAACT GAAGGGAACT GATTGTGAAC	TGCCTTGCTG TTCTTGTATT CAATTATTCT CAGGAACACT TCTTGGAGAC TGATTTGGTT CTACTTGGTT CTACTTGGTT CAAAATATGT TCTTTAGAAA ATGTTTGGTT GCATTTTGAA ATCTATTGCT GCTTTTTATA CTACTTTTTC AAAAATTCCC GCTTAGGCTC TATAAAACAT GTGTGCTGGG GAGGTCCCAT TTTTTCCAT GTAGGAGGTA ATGCAATACC GGGGGAGCTC CGGGGGAGCTC TGTCACACTC TCTGTGGATC CTACCCCAAA	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAAG TAGTCTGTTT CTTCATTTTT ACTTTCATTTT ACTTTCATTTT ACTTTCATTTT TCAATTTTCT TTTTTTTT	TIGCAATIGAAT AGTCTCTAGC TITTICTIGAAT AGGTTTIGGAC TCTTTTAATT CATTCTCTTC TTAAAACTTT AGAAGTTCTIG CATATTCTAA CTTIGGATCTC TIGGATCTC TIGGATCTT ATTTTTCTIGG TIGAATTTAAT CAGTIGGAAA TIGACTTTAAT CAGTIGGAAA TIGACTTTCTC GGTTCACTGT TCATTCTCCG ACTIGAGTT TCATTCTCCG ACTIGAGTT AAAACAGCTIG ACAGAAGTCC GCACTGAGGT CCAGACCCAGC GTTCTTIGATAA CTIGACATTCA CTIGACATTCA CTIGACATTCA CTIGACATTCA CTIGACATTCA CTIGACATTCA

371001	<b>AGTGATAGGC</b>	AAAGGGTAGA	AGTCCCCTTC	TCCAGGTCCC	TTCACGAGCA
371051	CTGGGGCTGC	CCAACTGCTG	<b>GGGTAGAATG</b>	ACAGTCTTTC	TACCACTTAG
371101	CCCAGCACTG	CATCTGTGCC	TCTGCTGAAA	GAAACTTCCC	ACAAGCAGAA
371151	AGTICTAGGA	CTCAAAGGCT	GCACTCTAAT	TAATITIGIC	CCACAGGGTG
371201	CTCCCTTGAT	ATGGTACCCT	TITCCTTCC	CTACGAGTGA	CAGTCCCTTA
371201	CCCCAACACT	ACTGTAAATA	CTCCTCCTC	TOTACCETATA	CCACCCTCT
3/1727	GGGCAAGACT	ACIGIAMIA	CIGCIGCIIC	TCIAGGIAIA	CAACCCATTCC
3/1301	GGGGGCTGCC	ACAATCCAGG	CIGGIGCIGG	GGAAIGICIA	CANGGRAICC
371351	AGTGATGTGA	AGATACAAGG	GTTGAAGGAT	CCTGAGCAGA	ACAAAGTCCC
371401	<b>ACAACCTATG</b>	TGCACGAATA	TGGCAGCCGC	TACTACAGCT	CAGGCCTAGG
371451	GCAAGAGGGA	<b>AGGGACACTA</b>	TGCAGACAAG	GCAGTGCCCT	CAAGAAGTCC
371501	CCAAATCGCA	ATCCACTCCT	GTACTIGIGC	TTACAAGGGC	AGAGACACTC
371551	TOCOTCACTE	CAGATGCCAG	CACTICTICCCA	CAACACCTAG	AGATTGCTTGAG
371601	ACCACTICACIT	CCTACCCTTT	CCAAACATTA	CTCACCCTCT	CCCCCTTTCA
		CITCTIGTAA			
		CCCAGTGAAC			
371751	ACACTCCATT	TGGGCTATGA	TTATTCACCT	ATAACTITIGG	пспсспс
371801	TGAGGAGAAT	TGGTCACCCG	TGICTCTTAT	CAGCAAGCTG	GAGAAGTTTT
371851	CTGATGCCAC	<b>AGGCTGTGGA</b>	CAGGTCTGCA	<b>GGATGTGCAG</b>	TGGCTTGGGC
371901	TCTGCTCTTA	<b>GCTTCAGAGG</b>	<b>GGAGTGATGT</b>	TGCGTGGAGC	TGAACTGAAC
371951	TICTORGE	CTCCCAAAAG	CAAGTGCAAG	CACCAGCTCT	GATGAGGGTG
372001	CCACCCCACC	GACATAGACT	CTCTAACATT	TOTAL	TAAATAGCCC
272051	TACTICTICCT	CAGTGAGTGA	CAACTCACTC	AATATACTIC	TCAGATGCCA
3/2101	GCIAIGGAAG	TAATGTGCTG	GGCACATGAA	CAGICICACC	ATTAGETTE
3/2151	TATCTAATGT	GTTTATCCTT	AGGATGAGGC	CAACACACA	GIACACCAT
372201	CAAAGAATCC	CTTCCAAACC	TATCTTTACC	CATTAGTTAA	CCCCATCTAG
372251	ACAGGATTGT	AATTTCTAAG	TATTCACATG	ATCCCAGGTA	AATCAACATC
372301	AAAACCAGGA	<b>GACTTGGTCA</b>	<b>GATTAAATGG</b>	TATGGGGCAA	AGAAAAAGGG
372351	GCATATTTCC	<b>AGTGTGTTGA</b>	AGCCAACATG	CCTGGGAGTA	TAGTGTATCA
		ATACTCTGAA			
372451	AATCAACATC	ACACATCTAA	TETTENACAC	TOTAL	AAGTACCCAA
372501	CCTCACCTAA	AGATGAATAT	TTCACACTTA	TTTCCATACC	ACTICATACTT
3/230T	CCIGAGCIAA	AGATGAATAT	CATTOTAL	CACATTATAC	AGIGALACTI
3/522T	AAAAGACAIG	AGAGTAAATT	CATICITICA	GAGATIATAG	GIAAAGACIA
		GCCAAGGATA			
372651	ATGATCTTAG	GAGAATTAGA	AGCTAGTCCT	AGCACATTAT	CATGTACATG
372701	AAAAGTTGAT	<b>GTAAGAGAAC</b>	CATACTGGTT	TGCAGCACCT	GTATAAATAC
372751	<b>AACCATCCTA</b>	ATTTTCCTAT	TATCACTTCC	TCAAGCCCAT	GATTGCTGCT
372801	TCTGACACTT	TAGAAGCAGT	<b>GTCTGAGCTG</b>	<b>ATCTTAGTAC</b>	CATGACCAGC
372851	CCCATTAGCA	CTGCTACCTC	CTTTACCATT	ACAACAGAGT	ATCAGCAGCA
		CCAGAAGACT			
		GCAGGTCAGT			
		CTGTGACTAG			
		AGGTGAAAAA			
		AATTTTACCA			
3/3T2T	TIGICCIACI	TGCCTGTCTT	GAGACITIGA	CIGACATAAA	TAMATCHIAM
3/3201	GACGAAAAGG	GAACAAAAGA	CIGAAAACAG	CICAAAIAIC	TITIACTIGA
373251	AACTGGGTTA	AATAAACTAT	GCTCCTATAA	AAGGAATGAG	AAATAGCTCT
		GIGAAGTIGT			
		CAGACGCCGT			
373401	GCCAAGGCGG	<b>GCAGATCATT</b>	TGAACCCAGG	<b>AGTCTGAGAA</b>	AGTTGAGAAA
373451	CAGAAAGTTC	TAGGACTCAG	AGCCTGCACT	CTACCAAACA	TGGTGAAAAC
		GGCAAAACCC			
		COGICCCIGI			
			CATCAACCCT	CCACTEACCC	
				GCAGTGAGCC	
373651	CACCTCACCA	GCTGAGCACG	<b>ATCTTGTCTC</b>	AAAAGCAAAA	CAAAACAAAA
373651 373701	CACCTCACCA	GCTGAGCACG GCAGAGAAAA	ATCTTGTCTC GCGTGAATAC	AAAAGCAAAA TATGCTAACA	CAAAACAAAA TTTTTCGGGA
373651 373701 373751	CACCTCACCA AAAAGATAAA AGGTGGCAGG	GCTGAGCACG GCAGAGAAAA AGAGGTGGGA	ATCTTGTCTC GCGTGAATAC AAGCGTCCCT	AAAAGCAAAA TATGCTAACA TTATCAATAT	CAAAACAAAA TTTTTTCGGGA ATCCCAGCTA
373651 373701 373751 373801	CACCTCACCA AAAAGATAAA AGGTGGCAGG ATGAATGAAG	GCTGAGCACG GCAGAGAAAA AGAGGTGGGA AAGGAATAAC	ATCTTGTCTC GCGTGAATAC AAGCGTCCCT AGAAATAGGA	AAAAGCAAAA TATGCTAACA TTATCAATAT TAGCATCATT	CAAAACAAAA TTTTTTCGGGA ATCCCAGCTA TTGCAGCCCT
373651 373701 373751 373801 373851	CACCTCACCA AAAAGATAAA AGGTGGCAGG ATGAATGAAG TCATGAATCA	GCTGAGCACG GCAGAGAAAA AGAGGTGGGA AAGGAATAAC AAAGACCTGG	ATCTTGTCTC GCGTGAATAC AAGCGTCCCT AGAAATAGGA ACAATCATAA	AAAAGCAAAA TATGCTAACA TTATCAATAT TAGCATCATT GTGGCTACTA	CAAAACAAAA TTTTTTCGGGA ATCCCAGCTA TTGCAGCCCT ACACATGAAA
373651 373701 373751 373801 373851 373901	CACCTCACCA AAAAGATAAA AGGTGGCAGG ATGAATGAAG TCATGAATCA AGAAGAGCAG	GCTGAGCACG GCAGAGAAAA AGAGGTGGGA AAGGAATAAC AAAGACCTGG CCATACATTA	ATCTTGTCTC GCGTGAATAC AAGCGTCCCT AGAAATAGGA ACAATCATAA TGTGCATCTC	AAAAGCAAAA TATGCTAACA TTATCAATAT TAGCATCATT GTGGCTACTA AGCAATACCT	CAAAACAAAA TTTTTCGGGA ATCCCAGCTA TTGCAGCCCT ACACATGAAA ATGAAGTACT
373651 373701 373751 373801 373851 373901 373951	CACCTCACCA AAAAGATAAA AGGTGGCAGG ATGAATGAAG TCATGAATCA AGAAGAGCAG TGTTCAAAAA	GCTGAGCACG GCAGAGAAAA AGAGGTGGGA AAGGAATAAC AAAGACCTGG CCATACATTA AAAAAAAAAT	ATCTTGTCTC GCGTGAATAC AAGCGTCCCT AGAAATAGGA ACAATCATAA TGTGCATCTC CAAACCTGAA	AAAAGCAAAA TATGCTAACA TTATCAATAT TAGCATCATT GTGGCTACTA AGCAATACCT ACTCCCCAAG	CAAAACAAAA TTTTTCGGGA ATCCCAGCTA TTGCAGCCCT ACACATGAAA ATGAAGTACT CCTCTAGATC
373651 373701 373751 373801 373851 373901 373951	CACCTCACCA AAAAGATAAA AGGTGGCAGG ATGAATGAAG TCATGAATCA AGAAGAGCAG TGTTCAAAAA	GCTGAGCACG GCAGAGAAAA AGAGGTGGGA AAGGAATAAC AAAGACCTGG CCATACATTA AAAAAAAAAT	ATCTTGTCTC GCGTGAATAC AAGCGTCCCT AGAAATAGGA ACAATCATAA TGTGCATCTC CAAACCTGAA	AAAAGCAAAA TATGCTAACA TTATCAATAT TAGCATCATT GTGGCTACTA AGCAATACCT ACTCCCCAAG	CAAAACAAAA TTTTTCGGGA ATCCCAGCTA TTGCAGCCCT ACACATGAAA ATGAAGTACT CCTCTAGATC
373651 373701 373751 373801 373851 373901 373951 374001	CACCTCACCA AAAAGATAAA AGGTGGCAGG ATGAATGAAG TCATGAATCA AGAAGAGCAG TGTTCAAAAA TTAATACAAG	GCTGAGCACG GCAGAGAAAA AGAGGTGGGA AAGGAATAAC AAAGACCTGG CCATACATTA AAAAAAAAAT TTAATAAGAA	ATCTTGTCTC GCGTGAATAC AAGCGTCCCT AGAAATAGGA ACAATCATAA TGTGCATCTC CAAACCTGAA ATACAGGAGG	AAAAGCAAAA TATGCTAACA TTATCAATAT TAGCATCATT GTGGCTACTA AGCAATACCT ACTCCCCAAG CAGGAGATGT	CAAAACAAAA TTTTTCGGGA ATCCCAGCTA TTGCAGCCCT ACACATGAAA ATGAAGTACT CCTCTAGATC TAAATAACAC
373651 373701 373751 373801 373851 373901 373951 374001 374051	CACCTCACCA AAAAGATAAA AGGTGGCAGG ATGAATGAAG TCATGAATCA AGAAGAGCAG TGTTCAAAAA TTAATACAAG CAGAGGGATG	GCTGAGCACG GCAGAGAAAA AGAGGTGGGA AAGGAATAAC AAAGACCTGG CCATACATTA AAAAAAAAAT TTAATAAGAA CAGGAAGCAA	ATCTTGTCTC GOGTGAATAC AAGCGTCCCT AGAAATAGGA ACAATCATAA TGTGCATCTC CAAACCTGAA ATACAGGAGG AATAAGGAAT	AAAAGCAAAA TATGCTAACA TTATCAATAT TAGCATCATT GTGGCTACTA AGCAATACCT ACTCCCCAAG CAGGAGATGT ATGGGAGACT	CAAAACAAAA TTTTTCGGGA ATCCCAGCTA TTGCAGCCCT ACACATGAAA ATGAAGTACT CCTCTAGATC TAAATAACAC GGATAGGATA
373651 373701 373751 373801 373851 373901 373951 374001 374051 374101	CACCTCACCA AMAGATAMA AGGTGGCAGG ATGAATGAAG TCATGAATCA AGAAGAGCAG TGTTCAAAAA TTAATACAAG CAGAGGGATG TATAATTCTG	GCTGAGCACG GCAGAGAAAA AGAGGTGGGA AAGGAATAAC AAAGACCTGG CCATACATTA AAAAAAAAAT TTAATAAGAA CAGGAAGCAA TTTCTTGAAC	ATCTTGTCTC GCGTGAATAC AAGCGTCCCT AGAAATAGGA ACAATCATAA TGTGCATCTC CAAACCTGAA ATACAGGAGG AATAAAGGAAT ATAAATTTTA	AAAAGCAAAA TATGCTAACA TTATCAATAT TAGCATCATT GTGGCTACTA AGCAATACCT ACTCCCCAAG CAGGAGATGT ATGGGAGACT AGGGAAAAGA	CAAAACAAAA TTTTTCGGGA ATCCCAGCTA TTGCAGCCCT ACACATGAAA ATGAAGTACT CCTCTAGATC TAAATAACAC GGATAGGATA
373651 373701 373751 373801 373851 373901 374001 374051 374101 374151	CACCTCACCA AAAAGATAAA AGGTGGCAGG ATGAATGAAG TCATGAATCA AGAAGAGCAG TGTTCAAAAA TTAATACAAAA TAATACTACAAGATCTTAATACTACAAGATCATCTTAATACTACTTTAATACTTAGATTCTTG TCCCTTAGAT	GCTGAGCACG GCAGAGAAAA AGAGGTGGGA AAGGAATAAC AAAGACCTGG CCATACATTA AAAAAAAAAT TTAATAAGAA CAGGAAGCAA ATTICTTGAAC ATGAGATATA	ATCTTGTCTC GCGTGAATAC AAGCGTCCCT AGAAATAGGA ACAATCATAA TGTGCATCTC CAAACCTGAA ATACAGGAGG AATAAAGGAAT ATAAAGGAAT ATAAAGTATTAA GTAACTAAAT	AAAAGCAAAA TATGCTAACA TTATCAATAT TAGCATCATT GTGGCTACTA AGCAATACCT ACTCCCCAAG CAGGAGATGT ATGGGAGACT AGGGAAAAGA GTAATGTGTC	CAAAACAAAA TTTTTCGGGA ATCCCAGCTA TTGCAGCCCT ACACATGAAA ATGAAGTACT CCTCTAGATC TAAATAACAC GGATAGGATA
373651 373701 373751 373801 373851 373901 374001 374001 374101 374151 374201	CACCTCACCA AAAAGATAAA AGGTGGCAGG ATGAATGAAG TCATGAATCA AGAAGAGCAG TGTTCAAAAA TTAATACAAG CAGAGGGAGG TATAATTCTG TCCCTTAGAT TGATCCCAAT	GCTGAGCACG GCAGAGAAAA AGAGGTGGGA AAGGACCTGG CCATACATTA AAAAAAAAT TTAATAAGAA CAGGAAGCAAC ATGAGGATATA TCAAACCAAC	ATCTTGTCTC GCGTGAATAC AAGCGTCCCT AGAAATAGGA ACAATCATAA TGTGCATCTC CAAACCTGAA ATAAAGGAGG AATAAGGAAT ATAAAGTTTTA GTAACTAAAT CATCTGTGAA	AAAAGCAAAA TATGCTAACA TTATCAATAT TAGCATCATT GTGGCTACTA AGCAATACCT ACTCCCCAAG CAGGAGATGT ATGGGAGACT AGGGAAAAGA GTAATGTGTC ATATACTGAC	CAAAACAAAA TTTTTCGGGA ATCCCAGCTA TTGCAGCCCT ACACATGAAA ATGAAGTACT CCTCTAGATC TAAATAACAC GGATAGGATA
373651 373701 373751 373801 373851 373901 374001 374051 374101 374151 374201 374251	CACCTCACCA AAAAGATAAA AGGTGGCAGG ATGAATGAAG TCATGAATCA AGAAGAGCAG TGTTCAAAAA TTAATACAAG CAGAGGGTTG TATAATTCTAGAT TATAATACTAG TATAATTCTAGAT TCCCTTAGAT TGATCCCAAT GAACACTAAC	GCTGAGCACG GCAGAGAAAA AGAGGTGGGA AAGGACCTGG CCATACATTA AAAAAAAAT TTAATAAGAA CAGGAGCAA TTTCTTGAAC ATGAGATATA TCAAACCAAC TAAATACTGA	ATCTTGTCTC GCGTGAATAC AAGCGTCCCT AGAAATAGGA ACAATCATAA TGTGCATCTC CAAACCTGAA ATACAGGAGG AATAAGGAAT ATAAATTTTA GTAAACTAAAT CATCTGTGAA TAATGTTAAG	AAAAGCAAAA TATGCTAACA TTATCAATAT TAGCATCATT GTGGCTACTA AGCAATACCT ACTCCCCAAG CAGGAGATGT ATGGGAGACT AGGGAAAAGA GTAATGTGTC ATATACTGAC GAAATGTAGC	CAAAACAAAA TTTTTCGGGA ATCCCAGCTA TTGCAGCCCT ACACATGAAA ATGAAGTACT CCTCTAGATC TAAATAACAC GGATAGGATA
373651 373701 373751 373801 373851 373901 374951 374001 374101 374151 374201 374251 374301	CACCTCACCA AAAAGATAAA AGGTGGCAGG ATGAATGAAG TCATGAATCA AGAAGAGCAG TGTTCAAAAA TTAATACAAG CAGAGGGATG TACCTTAGAT TGATCCCAAT TGAACACTAAC GTGGCATAAA	GCTGAGCACG GCAGAGAAAA AGAGGTGGGA AAGGACCTGG CCATACATTA AAAAAAAAT TTAATAAGAA CAGGAAGCAA TTICTTGAAC ATGAGATATA TCAAACCAAC TAAATACTGA AGTGTTACAG	ATCTTGTCTC GCGTGAATAC AAGCGTCCCT AGAAATAGGA ACAATCATAA TGTGCATCTC CAAACCTGAA ATACAGGAGG AATAAAGTTTA ATAAATTTTA CATCTGTGAA TAATGTTAAG TATATCTTTA	AAAAGCAAAA TATGCTAACA TTATCAATAT TAGCATCATT GTGGCTACTA AGCAATACCT ACTCCCCAAG CAGGAGATGT ATGGGAGACT AGGGAAAGA GTAATGTGTGC ATATACTGAC GAAATGTGAC GAAATGCCT	CAAAACAAAA TTTTTCGGGA ATCCCAGCTA TTGCAGCCCT ACACATGAAA ATGAAGTACT CCTCTAGATC TAAATAACAC GGATAGGATA
373651 373701 373751 373801 373851 373901 374001 374051 374101 374151 374201 374251 374301 374351	CACCTCACCA AAAAGATAAA AGGTGGCAGG ATGAATGAAG TCATGAATCA AGAAGAGCAG TGTTCAAAAA TTAATACAAG CAGAGGGATG TATAATTCTG TCCCTTAGAT TGATCCCAAT TGATCCCAAT TGACACTAAC GTGGCATAAA TGGGTTAAAT	GCTGAGCACG GCAGAGAAAA AGAGGTGGGA AAGGACCTGG CCATACATTA AAAAAAAAT TTAATAAGAA CAGGAAGCAA TITICTTGAAC ATGAGATATA TCAAACCAAC TAAATACTGA AGTGTTACAG ATTGTGATTC	ATCTTGTCTC GCGTGAATAC AAGCGTCCCT AGAAATAGGA ACAATCATAA TGTGCATCTC CAAACCTGAA ATACAGGAGG AATAAGGAAT ATAAATTTTA GTAACTAAAT CATCTGTGAA TAATGTTAAG TATATCTTTA TGAGATTTGC	AAAAGCAAAA TATGCTAACA TTATCAATAT TAGCATCATT GTGGCTACTA AGCAATACCT ACTCCCCAAG CAGGAGATGT ATGGGAGACT AGGGAAAGA GTAATGTGTC ATATACTGAC GAAATGTAGC GAAATGTAGC GAAATACACT TTCAAAAAAT	CAAAACAAAA TTTTTCGGGA ATCCCAGCTA TTGCAGCCCT ACACATGAAA ATGAAGTACT CCTCTAGATC TAAATAACAC GGATAGGATA
373651 373701 373751 373801 373851 373901 374001 374051 374101 374151 374201 374251 374301 374351 374401	CACCTCACCA AAAAGATAAA AAGTIGGCAGG ATGAATGAAG TCATGAATCA AGAAGAGCAG TGTTCAAAAA TTAATACAAG CAGAGGGATG TATAATTCTG TCCCTTAGAT TGATCCCAT GAACACTAAC GTGGCATAAAT GTTGGAGATA	GCTGAGCACG GCAGAGAAAA AGAGGTGGGA AAGGACTTGG CCATACATTA AAAAAAAAT TTAATAAGAA CAGGAAGCAA TITICTTGAAC ATGAGATATA TCAAACCAAC TAAATACTAA AGTGTTACAG ATTGTGATTC GGATTACAGT	ATCTTGTCTC GCGTGAATAC AAGCGTCCCT AGAAATAGGA ACAATCATAA TGTGCATCTC CAAACCTGAA ATACAGGAGG AATAAGGAAT ATAAAATTTTA GTAACTAAAT CATCTGTGAA TAATGTTAAG TATATCTTTA TGAGATTTGC GTAGATGCAA	AAAAGCAAAA TATGCTAACA TTATCAATAT TAGCATCATT GTGGCTACTA AGCAATACCT ACTCCCCAAG CAGGAGATGT ATGGGAGACT AGGGAAAAGA GTAATGTGTC ATATACTGAC GAAATGTAGC GAAATACACT TTCAAAAAAT CAAAATTGGT	CAAAACAAAA TTTTTCGGGA ATCCCAGCTA TTGCAGCCCT ACACATGAAA ATGAAGTACT CCTCTAGATC TAAATAACAC GGATAGGATA
373651 373701 373751 373801 373851 373901 374001 374051 374101 374151 374201 374251 374301 374351 374401	CACCTCACCA AAAAGATAAA AAGTIGGCAGG ATGAATGAAG TCATGAATCA AGAAGAGCAG TGTTCAAAAA TTAATACAAG CAGAGGGATG TATAATTCTG TCCCTTAGAT TGATCCCAT GAACACTAAC GTGGCATAAAT GTTGGAGATA	GCTGAGCACG GCAGAGAAAA AGAGGTGGGA AAGGACCTGG CCATACATTA AAAAAAAAT TTAATAAGAA CAGGAAGCAA TITICTTGAAC ATGAGATATA TCAAACCAAC TAAATACTGA AGTGTTACAG ATTGTGATTC	ATCTTGTCTC GCGTGAATAC AAGCGTCCCT AGAAATAGGA ACAATCATAA TGTGCATCTC CAAACCTGAA ATACAGGAGG AATAAGGAAT ATAAAATTTTA GTAACTAAAT CATCTGTGAA TAATGTTAAG TATATCTTTA TGAGATTTGC GTAGATGCAA	AAAAGCAAAA TATGCTAACA TTATCAATAT TAGCATCATT GTGGCTACTA AGCAATACCT ACTCCCCAAG CAGGAGATGT ATGGGAGACT AGGGAAAAGA GTAATGTGTC ATATACTGAC GAAATGTAGC GAAATACACT TTCAAAAAAT CAAAATTGGT	CAAAACAAAA TTTTTCGGGA ATCCCAGCTA TTGCAGCCCT ACACATGAAA ATGAAGTACT CCTCTAGATC TAAATAACAC GGATAGGATA

374501	CTGTACTGTT	GIATGIGITT	GAATTTTCTA	TCGTTAAAAA	ATATTAAGAA
374551	GAAAACAAAT	AGCATTATCT	TTTCCCTAAG	TGTTCACAAT	CTCCTCTGTC
374601	TCCCCTTTCT	CCTATTTTCT	AAGGAGAAAG	AATTGAGCAA	GTTTACAAAG
274651	TGGGGTGGAG	CTGTTGTGAA	AGATACTTCA	ΔΑΤΚΑΤΤΙΤΙ	TAGCTACTCA
374031	GAATTATAGC	ATTCAACTTCAA	ACTICION	CCTTCAAATC	CTCTCTACCT
3/4/01	GAATTATAGC	AIGAGICA	AGITCICIAG	TATACCCACA	ATTITAATTIC
374751	CATTCTTCCC	CTCCAACACA	TATTICCAGI	IAIAUGUALA	ATTIAATIG
374801	<b>ACTGTAGGGA</b>	CTATCTTCAA	ATAACATTTC	CATAMACTTC	CAAACTGAAC
374851	CCCCCAGAT	TGGAGTTTTG	TAATCTATTA	<b>GCCATTCATG</b>	ACCCCTCCCC
374901	TACCCACAAA	AAAAGTIGIT	THEFTIGET	TICICITCIG	ATTTTCATTT
374051	AGACTTCTTT	CTTTCCCAAT	ACATTTAACA	CAAACATAGC	ATTITUTANC
374931	AGACITCITI	CTTIGULARI	AGATTIAACA	TAAAAATAA	TOCOCTAATT
375001	TTTGACCATA	ATCCATACIG	GAAICAICAI	ICAMANIAA	IGGCCIAATT
375051	<b>GTTCCTACAA</b>	ATTTCATAAT	CATTTTCAAA	GAAGITGATT	GGTGGCCCTT
375101	GAGGCTTTTC	AACTTTATCC	TATTTTGGAT	GATATCTGTG	GCCTAGAAAT
375151	CAGTTGTATA	GCCCAAAATG	TTACCTAGAC	TACTAATGAA	CAGCAAGGTC
375201	TAAGGAAATG	CCAACTAGAG	CCCCCCCCCTC	CTCCCTCATC	CCTGTGATCC
373201	CAGCACTTTG	CCCCCCCCAC	CCTCTCACAT	CACAACCTICA	CCACATCCAC
3/3/2T	CAGCACTTIG	GGGGGGGG	GCIGICAGAI	CACAGGICA	TACAAAAAT
3/5301	ACCATCCTGG	CTAACGGTGA	AAGCCIGICI	CIACIA	IACAVAVAAI
375351	TAGCCAGATG	TGGTGGCGGG	CCCCTGTAGT	CCCAGCTACT	CCAGAGGCTG
375401	AGGCAGGAGA	<b>ATGGTGTGAA</b>	CCCCAGAGGC	<b>GGAGCTTGCA</b>	GTGAGCCGAG
	ATTGTGCCAC				
	AAAAAAAAG				
373301	ATTECACCAC		AGAMATICO.	ACCATICACC	ACTEACEACE
	ATTGCAGCAC				
375601	AATTCCAAAA	TGGCACCTTT	GCAATAGTAC	ATTTIGAGGC	AllGIGITIC
375651	CAAGACAGAA	AGAAGAGAGG	AAGCAGTGTA	TAAGCACCAC	AAATTTACAT
375701	<b>ATACATAGAA</b>	<b>AAGGATAGAG</b>	GGCAGTTTTT	<b>ACATCCTCTC</b>	TCTCATTTCC
375751	TCCACCAACC	AACAATTCGC	CTGACTCAGA	TTACCTATCC	AGCCCTCCTA
	AGGATICTTICA				
3/282T	CAGTGTGAAA	ACACACACAC	ACATGCATGC	GIGGGIACAC	ATACACACAC
375901	ACACACACAC	ACACTTGATT	TGGTGCATAG	GAAGTGACCT	AATTCAGTTT
375951	<b>GTCCTCATCA</b>	TAGTGACAAC	TAGACTGAGC	CAATCAGAGA	CTTTCTGTAG
376001	<b>GGTTTTGATT</b>	ACTGGAATTG	AGAAAATGAG	<b>GGCTTTCTGG</b>	TGGGTGAAGC
376051	TGTGAGATGT	AAAACACAGC	AACTIGITICAT	CETCATIETGA	AGCCAAAGTA
370031	CCCACACAAC	CACACACAAA	AACTICTUTE	ATCCACACCC	AATCCCCATC
3/010T	CGGAGAGAAG	CAGAGACAAA	AACICICITC	ATCGAGACGG	AATCCCGATG
376151	GCATCCCAGG	CCCTGCTTCC	AGCTGGTCCG	CTGAGGCCCA	GCCACACTGC
376201	TTTCTTTAAG	TTCAGTTCGA	CCCAATAATA	TCATTACAAT	AAATTCCTCC
376251	TTTTGGATTC	<b>AAATTGGCTT</b>	TCCATCCCTA	<b>GCAGTTCAGC</b>	CCTAATATAC
376301	AGCAGATGTC	ACAACTGATT	TCACATATTT	GGAGAAATAG	GAGTAGCTGA
276351	GACAGAATTT	ACTUTACUTT	CCTCACACAC	ATTCACAGAT	ACTICTICAAAA
	CCACTCATGA				
	<b>GCATGTAAAG</b>				
	TTAAAGAAAA				
376551	<b>AATAATTCTG</b>	AAGTTAACCC	AAAACTTAAT	<b>GTAATCTTCC</b>	ATTGGAACAT
376601	TIGITGATGT	CTCTCCCCC	TTTAAATTCC	ΔζΔΔΑΤΔΤΤΔ	TTAAAATGAG
276651	CAATCAGCAG	CAACATCILI	TAAAATATTT	TCTTTCCCCA	TOTANANTOT
3/0031	CATCAGCAG	CAAGAIGITI	TAWAIAIII	CACACCTATE	CCACCTTCCT
3/6/01	CGTTTTATTA	CAGAATTATT	IIGIIAAAGG	CACAGCIAIG	CCAGGIIGCI
	GCCAGAGTGA				
376801	GTGGTAGGCC	TTGGAACTAC	TGATGGCAAC	<b>ATGTACATCA</b>	CATTTTAGTA
376851	TAATGCTTAA	<b>ACTTACACCA</b>	CATCTICA		
			CAICIIGIGA	ATTTATATGC	ATCTGCCAAT
		तातातातात			ATCTGCCAAT GCACGCATGC
			<b>जजजजज</b>	वादादादा	GCACGCATGC
377001	ATGTAGATAC	<b>ACATATATTT</b>	GTGTGTGTGT ATTTCAAAGA	GAAGAGAGTT	GCACGCATGC GGTGGGAAGT
377001	ATGTAGATAC AGGACAGACT	ACATATATTT TGTGAAGTAA	GTGTGTGTGT ATTTCAAAGA TTAAGAATTT	GAAGAGAGTT CTACTGGCTC	GCACGCATGC GGTGGGAAGT TCACATTCTT
377001 377051	ATGTAGATAC AGGACAGACT CAGTGTAACT	ACATATATTT TGTGAAGTAA TAAAATGTGT	ATTTCAAAGA TTAAGAATTT ACAAAAGATA	GAAGAGAGTT CTACTGGCTC TCTTGAATAC	GCACGCATGC GGTGGGAAGT TCACATTCTT ACTGTGTCAA
377001 377051 377101	ATGTAGATAC AGGACAGACT CAGTGTAACT AACTGGTCTG	ACATATATTT TGTGAAGTAA TAAAATGTGT GTTTCATTTC	ATTICAAAGA TTAAGAATTT ACAAAAGATA CAGITAGITG	GTGTGTCTGT GAAGAGAGTT CTACTGGCTC TCTTGAATAC CCAGCATGCT	GCACGCATGC GGTGGGAAGT TCACATTCTT ACTGTGTCAA AAAATGGAGA
377001 377051 377101	ATGTAGATAC AGGACAGACT CAGTGTAACT AACTGGTCTG	ACATATATTT TGTGAAGTAA TAAAATGTGT GTTTCATTTC	ATTICAAAGA TTAAGAATTT ACAAAAGATA CAGITAGITG	GTGTGTCTGT GAAGAGAGTT CTACTGGCTC TCTTGAATAC CCAGCATGCT	GCACGCATGC GGTGGGAAGT TCACATTCTT ACTGTGTCAA AAAATGGAGA
377001 377051 377101 377151	ATGTAGATAC AGGACAGACT CAGTGTAACT AACTGGTCTG TGCTTGCTAC	ACATATATTT TGTGAAGTAA TAAAATGTGT GTTTCATTTC CAAGGTGTAG	GTGTGTGTGT ATTTCAAAGA TTAAGAATTT ACAAAAGATA CAGTTAGTTG CTTGTCTAAA	GTGTGTCTGT GAAGAGAGTT CTACTGGCTC TCTTGAATAC CCAGCATGCT GTTTAGTGAT	GCACGCATGC GGTGGGAAGT TCACATTCTT ACTGTGTCAA AAAATGGAGA TAGATCTCCA
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377001 377051 377101 377151 377201 377251 377301 377351 377401 377451 377501 377551	ATGTAGATAC AGGACAGACT CAGTGTAACT AACTGGTCTG TGCTTGCTAC AATGAAAAAG TCTCCTCTTT CATAGTAGAG ATAATCCCCT GTTACAAATG GATGGTTGGT TCAACTTTAG TCAACTTTAG	ACATATATTT TIGTGAAGTAA TAAAATIGTGT GTTTCATTTC CAAGGTGTAG TACAGCCTAA ACAACATTAT AGTACATTGA TIGTGCCAGT TICTGCTGGTGAGA ACAGTCCTAA GTICTTCAGAT GTTTCAGAT GTTTCAGAT	GTGTGTGTGT ATTTCAAAGA TTAAGAATTT ACAAAAGATA CAGTTAGTTG CTTGTCTAAA AGAGGAAATT AGGGTGCTTT CTAAGATTGC TGACTCCAAT TCTTTCCAAT TCATTTCAAT AAGTTCACTT AATTTACTAA TTTAAAAACT	GIGIGICIGI GAAGAGAGIT CTACIGGCTC TCTIGAATAC CCAGCATGCT GITTAGIGAT CTIGGCACTT CATGIGIATIG AAAATAGITT CTCIGAAAAA GATACITIAAAATG AITIAAAATG AITIACATAC AGATGAATAA	GCACGCATGC GGTGGGAAGT TCACATTCTT ACTGTGTCAA AAAATGGAGA TAGATCTCCA GTTTCAATTA TATTATCATT CCATTGTATC TTTCTGCTCA TIGTTTGTTT GTGATGTAAA TCAAATTTAC TCTATCCTTT
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377001 377051 377101 377151 377201 377251 377301 377351 377401 377551 377501 377601 377651 377751	ATGTAGATAC AGGACAGACT CAGTGTAACT AACTGGTCTG TGCTTGCTAC AATGAAAAAG TCTCCTCTTT CATAGTAGAG ATAATCCCCT GTTACAAATG GATGGTTGGA GTATATGAGT TCAACTTTAG AAAAATTCACC CCAAAACAAC TTTAAAACAT TTTTCTACAA	ACATATATTT TIGTGAAGTAA TAAAATIGTGT GTTTCATTTC CAAGGTGTAG TACAGCCTAA ACAACATTAT AGTACATTGA TIGTTCCAGT TICTGCTGGTC AATICTGAAGA ACAGTOCTAA GTCTTCAGAT CATTAATACT CTTATCAAGT CATTTATTCA CTTTTTGCAT CATTTATTCA CTTTTTGCAT	GIGIGIGIGI ATTICAAAGA TTAAGAATTT ACAAAAGATA CAGITAGTIG CTIGICTAAA AGAGGAAATT AGGGIGCTTT CTAAGATIGC TGACTCACAT TCTTICCAAT AAGTICACTT AATTTACTAA TTTAAAAACT TCAAGTATTAC GATAATTTAC GATAATTTAC AATATTAC GATAATTAC AATATTACAA ATCTGIGGCC	GIGIGICIGI GAAGAGAGIT CTACIGGCTC TCTIGAATAC CCAGCATGCT GITTAGTGAT CTIGGCACTT CATGIGTATG AAAATAGTTT CTCTGAAAAA GATACTTIGI AGTTAAAATG ATGTACATAC AGATGAATAA CAACTGCTGC TTACACCTTT GTAGTTCAT TGCTATTTAT	GCACGCATGC GGTGGGAAGT TCACATTCTT ACTGTGTCAA AAAATGGAGA TAGATCTCCA GTTTCAATTA TATTATCATT CCATTGTATC TTTCTGCTCA TTGTTTGTTT GTGATGTAAA TCAAATTTAC TCTATCCTTT ATTTCTAATA TAAATGAAAT TCAACCCTTCT TACAGCCTTTT TACAGCCTTTT
377001 377051 377101 377151 377201 377251 377301 377351 377401 377551 377501 377601 377651 377751	ATGTAGATAC AGGACAGACT CAGTGTAACT AACTGGTCTG TGCTTGCTAC AATGAAAAAG TCTCCTCTTT CATAGTAGAG ATAATCCCCT GTTACAAATG GATGGTTGGA GTATATGAGT TCAACTTTAG AAAAATTCACC CCAAAACAAC TTTAAAACAT TTTTCTACAA	ACATATATTT TIGTGAAGTAA TAAAATIGTGT GTTTCATTTC CAAGGTGTAG TACAGCCTAA ACAACATTAT AGTACATTGA TIGTTCCAGT TICTGCTGGTC AATICTGAAGA ACAGTOCTAA GTCTTCAGAT CATTAATACT CTTATCAAGT CATTTATTCA CTTTTTGCAT CATTTATTCA CTTTTTGCAT	GIGIGIGIGI ATTICAAAGA TTAAGAATTT ACAAAAGATA CAGITAGTIG CTIGICTAAA AGAGGAAATT AGGGIGCTTT CTAAGATIGC TGACTCACAT TCTTICCAAT AAGTICACTT AATTTACTAA TTTAAAAACT TCAAGTATTAC GATAATTTAC GATAATTTAC AATATTAC GATAATTAC AATATTACAA ATCTGIGGCC	GIGIGICIGI GAAGAGAGIT CTACIGGCTC TCTIGAATAC CCAGCATGCT GITTAGTGAT CTIGGCACTT CATGIGTATG AAAATAGTTT CTCTGAAAAA GATACTTIGI AGTTAAAATG ATGTACATAC AGATGAATAA CAACTGCTGC TTACACCTTT GTAGTTCAT TGCTATTTAT	GCACGCATGC GGTGGGAAGT TCACATTCTT ACTGTGTCAA AAAATGGAGA TAGATCTCCA GTTTCAATTA TATTATCATT CCATTGTATC TTTCTGCTCA TTGTTTGTTT GTGATGTAAA TCAAATTTAC TCTATCCTTT ATTTCTAATA TAAATGAAAT TCAACCCTTCT TACAGCCTTTT TACAGCCTTTT
377001 377051 377101 377151 377201 377251 377301 377351 377401 377451 377501 377601 377651 377701 377751 377801	ATGTAGATAC AGGACAGACT CAGTGTAACT AACTGGTCTG TGCTTGCTAC AATGAAAAAG TCTCCTCTTT CATAGTAGAG ATAATCCCCT GTTACAAATG GATGGTTGGA GATAGTTGGA TCACCTTTAG AAAAATTCAC TTACACAACAC TTTACAAACAT TTTTCTACAA CTCATAATTT	ACATATATTT TIGTGAAGTAA TAAAATIGTGT GTTTCATTTC CAAGGTIGTAG TACAGCCTAA ACAACATTAT AGTACATTGA TIGTGCCAGT TCTGCTGGTC AATCTGAAGA ACAGTCCTAA GTCTTCAGAT CATTAATTCT CTTATCAAGT GATTTATTCA CTCTTTGCAT TTAGTGTAGAT TTAGTGTAGAT TTAGTGTAGGT	GIGIGIGIGI ATTICAAAGA TTAAGAATTT ACAAAAGATA CAGITAGTIG CTIGICTAAA AGAGGAAATT AGGGIGCTTT CTAAGATIGC TGACTCACAT TCTTICCAAT AAGTICACTT AATTTACTAA TTTAAAAACT TCAAGTATTAC GATAATTTAC GATAATTTAC GATAATACAA TGAAAAACAA ATCTGTGGCC CTTAACAAGC	GIGIGICIGI GAAGAGAGIT CTACIGGCTC TCTIGAATAC CCAGCATGCT GITTAGTGAT CTIGGCACTT CATGIGTATG AAAATAGTTT CTCIGAAAAA GATACTTIGI AGTTAAAATG ATGTACATAC AGATGAATAA CAACIGCTGC TTACACCTTT GTAGTTCAT TGCTATTTAT ATATAGTTTT	GCACGCATGC GGTGGGAAGT TCACATTCTT ACTGTGTCAA AAAATGGAGA TAGATCTCCA GTTTCAATTA TATTATCATT CCATTGTATC TTTCTGCTCA TTGTTTGTTT GTGATGTAAA TCAAATTTAC TCTATCCTTT ATTTCTATAT TAAATGAAAT TCAACCCTTCT TACAGCCTTTT AAATCTTTCT
377001 377051 377101 377151 377201 377251 377301 377401 377451 377501 377651 377601 377751 377701 377751	ATGTAGATAC AGGACAGACT CAGTGTAACT AACTGGTCTG TGCTTGCTAC AATGAAAAAG TCTCCTCTTT CATAGTAGAAA ATTACACAT GATGGTTGGA GATGGTTGGA GTATATGAGT TCAACTTTAG AAAAATTCAC CCAAAACAAC TTTAAAACAT TTTTTTTT	ACATATATTT TIGTGAAGTAA TAAAATIGTGT GTTTCATTTC CAAGGTGTAG TACAGCCTAA ACAACATTATA AGTACATTGA TCTGCTGGTC AATCTGAAGA ACAGTCCTAA GTCTTCAGAT CATTAATTCT CTTATCAAGT GATTTATTCA CTCTTTTTGCAT TTAGTGTAGGT TTTGGGTTT	GIGIGIGIGI ATTICAAAGA TTAAGAATTT ACAAAAGATA CAGITAGITAG CITIGICTAAA AGAGGAAATT AGGGIGCTIT CTAAGATIGC TGACTCACAT TCTITICCAAT AAGTICACTT AATTIACTAA TTAAAAACT TCAAGTATAC GATAATTTAA TGAAAAACAA ATCIGIGGGC CCTTAACAAGC TCTCATTGCT	GIGIGICIGI GAAGAGAGIT CTACIGGCTC TCTIGAATAC CCAGCATGCT GITTAGTGAT CTIGGCACTT CATGIGITATG AAAATAGITT CTCIGAAAAA GATACITIGI AGITAAAATG ATGATACATAC AGATGAATAA CAACIGCTGC TTACACCTTT GTAGITTICAT TGCATATTTAT TGCATATTTTT GAATTCGACA	GCACGCATGC GGTGGGAAGT TCACATTCTT ACTGTGTCAA AAAATGGAGA TAGATCTCCA GTTTCAATTA TATTATCATT CCATTGTATC TTTCTGCTCA TIGTTTGTTT GTGATGTAAA TCAAATTTAC TCTATCCTTT ATTTCTAATA TAAATGAAAT CCACCCTTCT TACAGCCTTT AAATCTTCT CAAACCTTAT
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379401 ATTICTATTIT CTTCTCACTC TATGITATGT GCTAATGGTA TACTTATTGG
379451 TTACTCACAA GGACCTATCT TCATCTGCCC CTTAGCTAGC TACAGATTGT
379501 CAAGTCATTT TTTCCCCCCTG TTTAACACAG ATAGCCATTA ACACCATGTC 379551 ATCTTCTTTA AATGTAAAAT CATTTAGGGA TGCCAAGCAA ATCTGCTGAT
379601 TAGCTCAGGC CAGCCTACAC CAGATTGGAG AATGGGAAAG TAGTGAAAGA
379651 CACGCATTAC AGATTAAGAC TGGGTATAAA GAGAAGACTC TAACAACCCA
379701 CCCCCACCAA ATATGCCACA CAAGTGCTCA GAGAGACCAG AGTCCCAAAC
379751 TAGACTACCC AGGTGAAACT ACAGAGTTTC ACAGGAGGCA GCTTTATGTG
379801 TGTGTCAATG GGGCAAAATG TGAGGGCTGG CAGTAAAGAA GTCTGACAGA
379851 TGAGGAAACA TGGGGAATAT TAAAACCAGT TTAACACACT TGCCCACACC
379901 ATCCCCCGAG CCGCTTCCTC CCAAGCTCCC AGAGCACCAG CAAGGAGGTT
379951 GAGACACTCT AGACTTGGGG AGGAGTCTTG AAGTTTTTCA GGAACTTTGC
380001 TIGCTITICIT CTCCCAAGGA CATCCCCTIGT CCTCCTCTCC TCTTTGCCCA
380051 GGACCAACCT CAAGCTCTCC CATTACATGA GTGCTTTTAC CCAAAGTGTG
380101 GTGCCTCTTC CAGAGCTGTC AGCTTTCTGG CTATAGCTTG GATATCAGCC
380151 CCACAAGGAC CCACAAATAC AAACCTCAAC ATAGGATGAC TTACTGTGCC 380201 TGATACGTTT TTGCCTTTTT AGTCCATAGT AGACAATTAT CTTGACTATA
380251 ATTIGTCCCAG CAGGAGCTGC CTCTGTGTCT GTGTATATGC GTGTGTATTT
380301 TTTTTTCTA AGGCAAAAAC TAGTTTATAT CTTTGTTCAA AGATGACCTT
380351 AGCAGGAGAC CTTTTTTTT TTGGAGTTGA TCGGTAGGTC AAGCCATGTG
380401 CTAACCTGGC TTGTCTGGGT ATGTCTGGGA AGCAGAGCAG
380451 GCAGGGCCTT TATGGAATTT CTGTGCTAGG AAGGGAGATA GACATTTAAC
380501 ACAAATATCT CTATATCTTG ACATTTGCGA TATGGCAGGA AAGTACAGGC
380551 ACCTATGGGA CTATAAAACT GATCCTAAAA CAAGCAGGCA TGAGGAGGTA
380601 GTGAGGTCAC CTCTAGGAAT GCCTCCTCAA TGGAAACATT TGCACTGAAC
380651 CTTGAAGATT AGGTAGATGA GCCAGTGCTT TTGCACACCT TGTTCCATGA
380701 AAGCAAGACT GTTTTTTAC TGTTGTATTC CCCAGTGTCT GCTTCCTTGT
380751 AGGTGATCAA TAAAGATTTC TTGAATAAAT GAAAGAATAA GGGGCTCCCA
380801 ACATCIGITT GCICICITAT CCCTACCCAG TGGTTCCTGT
380851 TCTCTCCATT CCCTTACCAA CTGGTATGTT ATTTTTAAAA CTAAAAATAC 380901 TCTGTTTTAT CATATTATTA TTCAATTAAA GTTAGAAACA TTTAAAATCC
380951 CCATAGATIGC AAATIGCTAGA ACAATGAAAT AAAAGCTCAA GATTTTTTCT
381001 GCCCCCAAAG CTCTGTGGAA TAATCAATTT TATAAATTTT TAAAAAACAA
381051 AAACTATTTIG GAAGGCTGAA GCAAGAGGAT TGCTCCAGCC CAGGAGTTCA
381101 AGACCAGCCT GGGCAACATT GCAAGACCCC GTCTCCTAAA ACAAATAAGT
381151 AAATACAATT TTAAAAAGGA AAAACTAGGC TTCACCATGC AAGTTTATAA
381201 TGAAAGGTTA TACACTGAAT ATATACTTTA GCTATATATT TCAAAGACCT
381251 CAAGATAACG TTAAGGCCGG GCATGGTGGC TCACGCCTAT AGTCCCAACA
381301 CTTGGGAGGC CAGCTGGGGA GGACCACTTG AGGCCAGGAG TTAGAGACCA
381351 GCCTGGACAA CATGGTAAGA CTTCATCTCT ATAAAACATA AAAAAGCCAG
381401 GOGTGGTGGC ATACACCTGT AGTCTTAGCT ACTTGGGAGG CTGAGGCTGG
381451 AGGATCACTT GAGCCCAGGA GGTCAAGACT GCAGTGACCC ATGTTCAAAC

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381501 TACTTCATTC CAGCCTAGGT GACAGAGAG	C AACCCTGTCT TCAACAAAAA
381551 CAAACAACA AAAACAACTT TGAATCAGC	A AAATTAAGCA ACCAAGTGTG
381601 TICCCCTTCT CTAATGTCAT TAAGCTTTG	A GIGIGICTIT ACAGAAATTT
381651 TTATTTTCTT ATGTATGGCA TCCTAGATTI	G TATGACTITA ACATAATCCC
381701 AGATGGATTA ATTATCATGA AGCCTATTT	T GCAGACGATT CAAGGGAATT
381751 TAGCCCAAGA GCAAAAGTTA GGTAATTCC	
381801 TGAAATACTA CTCTACTCAC CGCTTAAAT	G GTTTTCAGTG AAGTGGCATT
381851 TTAAAAATAA GTGCTGCTTG CTTTACCTC	
381901 ATTITACTCC CTGAGCTGCT TTCTTGGCA	
381951 TTGTGCCTGT GACAGTCTGA CTTCCATCT	G CTGCTCTGCA GCCAGGAGCC
382001 TGCTGTGCTC CCTTCAGTCA CATCTTTCA	T GCCTGGCCAT TCAAGCACCT
382051 TTCATCAGGT CTCAATGGGC CTGGGTAAA	G GGCCCTCCCC CTGCATCCAC
382101 ATGAGCACAT AATCTCCCAG GTAGCCTCC	T CCTTGAAGCA CCTCCAGTGC
382151 ATGTGTTCGC AAACAGCAGG ACATCACTC	T CTACTGGGTT CCTAATCCCT
382201 CAGACACACA GAGGAAGGAG GTCGCAAGG	
382251 CGAGGGGGG GGTGAGCAGA GGCAACACA	
382301 AGCGGCTGCA CCACAATCAT CGCCAGCTG	
382351 GTCACAGGTG TTCCAGACAG AAGATGCTT	
382401 AAATACCTAA GACTTTTTGA AGCACTGCA	G CCCATTTCTT TTGGTAGATT
382451 CTTTAAAGCT ATTTAGTACC CTTCAAATA	
382501 TTCGGCCTCA GTGGAAGGCG TGCTTGCTT	
382551 CAGCCAGGCT GCCGTGACCG AGCGCAGAG	
382601 GGATTCAGTG TGCAGCTGCA GAAAAAGGA	
382651 CCAGCTTGGT CGCGTCTGAT ACTGTAGCC	
382701 TCACACAAGA AATTGCTGCA TAGCCATGA	
382751 ACAATCTCTA GGATGCAGTT GTAGTTTTC	
382801 TGCCACATGC TGGTTAAACT AGGTGAATG	
382851 TTTTCATCTT CTGACACATT TTAAAGTGC	
382901 TCCAAGTGTT CCCTGTGCCT GCCAGAAGT	
382951 CCAAGCAGAA ATTAGGTAGT TGTTTAAGT	
383001 CTTCCACCTT TCTTTGAGGA TATCGATAA	
383051 TGTAGTGGGG AAGGTCAAGT TAGAATTTC	
383101 COGTTCTTGG TTCCCCTACT CCTCAGGCG	
383151 TTCCCACGCC TGTGTGCCAC TCTCATGGG 383201 TTGTAACCTG TTTACAGCCA ATAGCGAGG	
383251 CITATCIGGA AATIGGAAGCA ACTIGCTTAA	
383301 CTGTCAACGC ACCAGAAAAG CCCCTAGTA	C TACTOTOMAN CTCAAAACAA
383351 CATGGGAAGA GTTAAAGCAC AGCGGGAAT	
383401 ACGTTTTCAG CTTTTCCTTC CTGTTGATT	
383451 GCCTTGACTG TTACTTTTTA TCACGTCAT	
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383551 TGCTAAGCTG AGCCACCTGT TTAAACTCT	
383601 AAAGAACCGT AGGCAATGTA TAAGAGGTT	
383651 TAAGACATTG TTCTTATTCT TCATGGCAT	
383701 TCTTTTGCCC TTTTGCATTT AAAAGTGAG	
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383801 ACAAGTGGAG CTGTCTCGCG TAATCCAGT	
383851 AAGGAACTGC TTTTTCAGAG AGCTAGCAT	A GCATGAAACT TTATACTCAC
383901 ATGTCCCTTT GCTTTCATTG CTTTTTTCC	C CACATTTGAA ACTAATTACT
383951 ATTITATICA GIGICIGIGA GGATTICIA	A ACATTTTTGT TAAAAATCTT
384001 TTCCTACGTC CTAGGAATTC ATTTCAAAT	A TGCCTAAATC CTTCACATTG
384051 TGAGATCCTG CCTTTGTTGT TTTATGTTT	
384101 GATCTATTAT TACTGCTGAA CAAATGGAA	
384151 CACCAAATAA ATTAGTGTCA TAGCCACTG	
384201 TAGCTCTGAC AGTGAGATCT TGGGCCCAC	
384251 TTTCTCATTT TCACAAACAG ATAATGTTT	
384301 ATATATATAT ATTICTAAAGC TTGGATATC	
384351 TCTGAGATIGG GGCTTCACTC TTGTTGCCC	
384401 ATCTTGGCTC ACTGCAACCT CTGCCTCCC	
384451 CTCAGCCTCC CAAGTAGCTG GGATTACAG	
384501 TAATTTTTIG TATTTTTAGT AGAAACGGG	
384551 TGGTCAGGTA TCCATTITIT AGTCAAAAC	I GANTAGATA AVATACTOAG
384601 ATTTATAGAG CTGGCCAAAA CGTTTTTGT	T TTTACACCCT AATACCAAAA
TOWNS I GEOGRAPHICA TRANSPORTER (INC. IAC. IAC. IAC. IAC. IAC. IAC. IAC. IA	
	C ATTICTATGA TGTAGTCTGC
384701 AGCCTATGGG GGAAGAGGAC AAGATGGTG	C ATTTCTATGA TGTAGTCTGC A AGGGATTAGG GGAAAGCTTC
384701 AGCCTATGGG GGAAGAGGAC AAGATGGTG 384751 CAAAATCCTT TTTGCCAAAG AAGTTAAGG	C ATTTICTATGA TGTAGTCTGC A AGGGATTAGG GGAAAGCTTC A GCTTGAGCGA CCCAGGTTTT
384701 AGCCTATGGG GGAAGAGGAC AAGATGGTG 384751 CAAAATCCTT TTTGCCAAAG AAGTTAAGG 384801 CTCTCTAAAT GGGTTAGTTT AACATTCCA	C ATTTCTATGA TGTAGTCTGC A AGGGATTAGG GGAAAGCTTC A GCTTGAGCGA CCCAGGTTTT G ACAGTCTGTG ATTCAAACTT
384701 AGCCTATGGG GGAAGAGGAC AAGATGGTG 384751 CAAAATCCTT TTTGCCAAAG AAGTTAAGG 384801 CTCTCTAAAT GGGTTAGTTT AACATTCCA 384851 GTCTATTCAC CTATACATCT ACTCAGCAG	C ATTTICTATIGA TIGTAGTICTICC A AGGGATTAGG GGAAAGCTTC A GCTTGAGCGA CCCAGGTTTT G ACAGTCTGTG ATTCAAACTT A GTTCTTTATIG GCCTCATAGG
384701 AGCCTATGGG GGAAGAGGAC AAGATGGTG 384751 CAAAATCCTT TTTGCCAAAG AAGTTAAGG 384801 CTCTCTAAAT GGGTTAGTTT AACATTCCA	C ATTTICTATIGA TIGTAGTICTICC A AGGGATTAGG GGAAAGCTTC A GCTTGAGCGA CCCAGGTTTT G ACAGTCTGTG ATTCAAACTT A GTTCTTTATIG GCCTCATAGG A AACTGTTCCA GACTTTATCT

# FIGURE 3FFFFF

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385001 TGGCCTTGAA CTCCTGGGTT CAGATGATCC TCCCATCTCA GCCTCCTA	AG
385051 TAGCATGACT ACAGGCCCAC ACCACTACAC CCAGCTCCAT CTGCATTT	
385101 AATGTGATGC CAGCAGAGTG ATGAGCTTTG TGGTGGTCCC TGGGTTCA	
385151 GTAGATACAC ACACACACA AAACACACAA ACACACACAT ACTTATCT	
385201 TTAGGTTTTC CTATAAACTT TATAGCTAGT AATGAGAAAG GTCCTAGT	
385251 AAATTGAAGG GTTTTTTCCC TCAGTTTCTG TAGTATTCAT TCCTAAAT	
385301 AGAGATATGT TGACAGATTT ATCTGAAAAG ACCTCATTTT TCCAAAGC	
385351 AACACAGAAA GGAAAATCCC GTAATCTTAG GTTAGTTTCA TCAAGTGA	
385401 CAATAAATCG CCATTTGCAT AATTTTCTTT TTTTAGCAAA GATTCCAT	
385451 TAATTCTCCA AAATAATATA CAGTCATGCA CCACATAATA ACATTTCA	
385501 CAACAATGGA CCAGATACAT AATGGTGGTC CCATAAGATT ACAATATT	
385551 ATTITIGCTG TACCITTICT ATGTTTAGAT ACACAAATAC TTACATTG	
385601 TTACAGTTCC CTGCCTACAG TATTCAGTAA CATGCTGTAC AGGTGTGT	
385651 TGTAGGAGCA ATAGAATAGA CCCTATAGCC TAGTGTGGAA TGGGCTAT	
385701 CCATCTAGAT TIGTIGTAAGG ACAGTCTGTC TACACAACAG TGAAAGCA	
385751 TAACAATGCA CTTCTCAGAA CATATCCCTG TTGTTGAGCA ACACATGA	
385801 GTATGTTACT GCACTGTTTG TAAATTTTCT GAAGTTGTGC TCCATTCC 385851 TGCAGTTTTT TTCTATGACA ATACAACAAA GAAGCTCCTG TTCCTGTG	
385901 ATACATITTG ATACCGAAGA AAGCATCTCT CAAAAATAAC AAAAGCAT	.VC
385951 CIGIATICIT GCTAGAATTT CTAATTTATG TTAGAAATTA GTTCTACA	
386001 AAGAACTAAA TIGCAGAGTAG TIGCTCCAAAC TIGAAAACATA GCTTGAGA	TT:
386051 AACATACATC ACAGTATTAA ACAATTTTAG TTATTTACTT TCTCTTCA	
386101 CTANGANCTT ANGANGACCT GACANCATCT GGATCAGGGG TTCCCACC	.AC
386151 CCCCAGGCCA TGCACCGGTA CTGGTCCGTA GCATGTCAGG AACCAGGC	
386201. CACGGTAGGA GGTGAGCAGT GGGCAAGTGA GCATTACCAC CTGAGCTC	
386251 CCTCCTGTCA GATCAGCGGT GGCATTAGAT TCTCATAGGT GTGGGAAC	$\tilde{\alpha}$
386301 TATTGTGAAC TGTGCATGTG AGGGATCCAG GTTGTGCGCT CCTTATGA	GA
386351 GTCTAATGCC TGATGATCTG AGATGGAACG GATTCATCCT GAAACCAC	
386401 GCACTCCTCC GCCCCCTGTC CATGGAAAGA TTGTCTTCCA CGAAACCA	
386451 CCCTGGTGCT AAAAAGGTTG GGGACTGCTT ATCTAGATCA TATGAAAC	AT
386501 AAGTAACTAA AAATACTATA GATTGGCCAA ATCTGGGGAA GATGAACA	TA
386551 GCATGCATCT TTTTGAAAAG GTAGTTGTAG TTAAGTAACT ATTCAGTT	
386601 GCAAACATAC CTTGACTATT TACATAGCCA GAGCACAAGT AAGTGCTT	TG
386651 GCTGCTACCA CTGTTGCTGC CCTTTGACCC ATTAAACACA CTGGCCTC	$\infty$
386701 TTCCGTCTCT CATGTCCTCT CCCCATCTTC TCAGAAACAC AAGGAATA	ιTG
386751 TCTATATGTC TATTCCTTGT GTTTCTGTCC TCCACCCGCT TCCTTTTT	
386801 ATTTTGGAAT GGGGAGAGCA AAAGTAAAAA GCTATGCTAA TAAGCAAC	
386851 CCATAATGTG CCCTGATTGA GTTGTTTGGT ATCTCCCAAA GTATGTGC	
386901 AAGATCACCA TTAAACCATT TATAGATATT CTGCCAGAAA TAGGAGGC	
386951 AGAGTTCTAT GGGAAACAAC AAGTGTCGTA GTCCATTCTG GCTGCTAT	
387001 CCAAATAACT TAGACTGGGC AATTTTTAAA TAATACAAAT TTATTGCT	
387051 CACTTCTGAA AACTGGGAAG TCCAGGATCA AGGTGCCAAC AGATTTGG	
387101 TCTGGTGAGG GCCTATTCCT CATAGACATA CCTTCTAGCT GTGTCCTC	
387151 ATGGTGGAAG GGGCCAACCA GCTCCATCAG GCTTCTTTTA TAGGGGTA	
387201 AATTICTIGTICA GTGAGTACAG AACGCTCACA ACCTAATCAC CTCCCAAA 387251 CCTCACTTICT TAATACTAGT AGCATTGGAG ATTAAGTTTIC AACATATA	
387301 TTTTGGAGAA AAACATTCAG ACCATTGCAC TGGGTTAAAG AAAATCAA	
387351 TGACCATCAT TAGTAGCCTT TGTAAAACCT TTAAAATTCT ATTGTGCA	
387401 ATGGGGAACA GAATATATAC AGGTTGAGTA TCACTAATCT GAAATCCA	CA
387451 GTGCTCCAAA ATTCAAAACT TTTGAGTACC AACATAACAC ACAAAGGA	
387501 TICTCATTIGG AGCATTTTIGG ATTTCAAATT TTCAGATTAC AAATGTTC	
387551 CCAGTAAGTA GAATGCAGAT ATTCCAAAAT CTGTAACATG TCTGGTCC	
387601 AGCATTTCAG ATAAGGAATA CTCAGCCTGT ATAGTGTTGC CCAAAACT	TΔ
	תו
387651 TTTGACCATG GAATACTTCT CCTGAACACA CTGATTTCTT AACGGAAA	ιTG
	ιTG
387651 TTTGACCATG GAATACTTCT CCTGAACACA CTGATTTCTT AACGGAAA 387701 CTGGGGTGGA CCATGAGAAG AGCAGGAGAG CTGCACTTTT CTTGGGAG 387751 ATTATATCAT ATCTTGGAAC TCATACCACA GTAAGTGGCT CCCAGAGC	TG AT
387701 CTGGGTGGA CCATGAGAAG AGCAGGAGAG CTGCACTTTT CTTGGGAG 387751 ATTATATCAT ATCTTGGAAC TCATACCACA GTAAGTGGCT CCCAGAGC 387801 ATAGAAACCA GCCATCATGG ACATCCTAAG AATACATCTG TTTCCAAA	AT AA AA
387701 CTGGGTGGA CCATGAGAAG AGCAGGAGAG CTGCACTTTT CTTGGGAG 387751 ATTATATCAT ATCTTGGAAC TCATACCACA GTAAGTGGCT CCCAGAGC 387801 ATAGAAACCA GCCATCATGG ACATCCTAAG AATACATCTG TTTCCAAA 387851 TACCTTTTTA TTCGCGGTAG GAGAAAAGAA CCAATAATCC AGTCAATG	AT AA AT CC CT
387701 CTGGGTGGA CCATGAGAAG AGCAGGAGAG CTGCACTTTT CTTGGGAG 387751 ATTATATCAT ATCTTGGAAC TCATACCACA GTAAGTGGCT CCCAGAGC 387801 ATAGAAACCA GCCATCATGG ACATCCTAAG AATACATCTG TTTCCAAA 387851 TACCTTTTTA TTCGCGGTAG GAGAAAAGAA CCAATAATCC AGTCAATG 387901 TTTGCTTTTG GAATTTCTAC TAAGAAGCCT TTTCATGAGG AAAAAATA	AT AA ATC ACT AA
387701 CTGGGTGGA CCATGAGAAG AGCAGGAGAG CTGCACTTTT CTTGGGAG 387751 ATTATATCAT ATCTTGGAAC TCATACCACA GTAAGTGGCT CCCAGAGC 387801 ATAGAAACCA GCCATCATGG ACATCCTAAG AATACATCTG TTTCCAAA 387851 TACCTTTTTA TTCGCGGTAG GAGAAAAGAA CCAATAATCC AGTCAATG 387901 TTTGCTTTTG GAATTTCTAC TAAGAAGCCT TTTCATGAGG AAAAAATA 387951 AACAAAAGGA ACTTTTAGGA GTGGCGCTCT GTCAGCTGCT TGTGCATC	AT AA ATC AA AG
387701 CTGGGTGGA CCATGAGAAG AGCAGGAGAG CTGCACTTTT CTTGGGAG 387751 ATTATATCAT ATCTTGGAAC TCATACCACA GTAAGTGGCT CCCAGAGC 387801 ATAGAAACCA GCCATCATGG ACATCCTAAG AATACATCTG TTTCCAAA 387851 TACCTTTTTA TTCGCGGTAG GAGAAAAGAA CCAATAATCC AGTCAATG 387901 TTTGCTTTTG GAATTTCTAC TAAGAAGCCT TTTCATGAGG AAAAAATA 387951 AACAAAAGGA ACTTTTAGGA GTGGCGCTCT GTCAGCTGCT TGTGCATG 388001 CTGCTTGTGG ATTTGGTTTA GAGCTTTTAGA GAGGACTGGC ATTGACTA	TIG FAT FAA TIC FAA FAG FAG
387701 CTGGGTGGA CCATGAGAAG AGCAGGAGAG CTGCACTTTT CTTGGGAG 387751 ATTATATCAT ATCTTGGAAC TCATACCACA GTAAGTGGCT CCCAGAGC 387801 ATAGAAACCA GCCATCATGG ACATCCTAAG AATACATCTG TTTCCAAA 387851 TACCTTTTTA TTCGCGGTAG GAGAAAAGAA CCAATAATCC AGTCAATG 387901 TTTGCTTTTG GAATTTCTAC TAAGAAGCCT TTTCATGAGG AAAAAATA 387951 AACAAAAGGA ACTTTTAGGA GTGGCGCTCT GTCAGCTGCT TGTGCATG 388001 CTGCTTGTGG ATTTGGTTTA GAGCTTTTAGA GAGGACTGGC ATTGACTA 388051 TTTCACTGTC ATTGTGGCCC ACATGACTTC GAAAACACTA TCATTGTG	TIG FAT FAA TIC FAA FAG FAG FAA
387701 CTGGGTGGA CCATGAGAAG AGCAGGAGAG CTGCACTTTT CTTGGGAG 387751 ATTATATCAT ATCTTGGAAC TCATACCACA GTAAGTGGCT CCCAGAGC 387801 ATAGAAACCA GCCATCATGG ACATCCTAAG AATACATCTG TTTCCAAA 387851 TACCTTTTTA TTCGCGGTAG GAGAAAAGAA CCAATAATCC AGTCAATG 387901 TTTGCTTTTG GAATTTCTAC TAAGAAGCCT TTTCATGAGG AAAAAATA 387951 AACAAAAGGA ACTTTTAGGA GTGGCGCTCT GTCAGCTGCT TGTGCATG 388001 CTGCTTGTGG ATTTGGTTTA GAGCTTTAGA GAGGACTGGC ATTGACTA 388051 TTTCACTGTC ATTGTGGCCC ACATGACTTC GAAAACACTA TCATTGTG 388101 TTTTAGTTAT ATTTGATGGT AGAATTATTC TTTTAAAAAA ATTTCTCC	
387701 CTGGGTGGA CCATGAGAAG AGCAGGAGAG CTGCACTTTT CTTGGGAG 387751 ATTATATCAT ATCTTGGAAC TCATACCACA GTAAGTGGCT CCCAGAGC 387801 ATAGAAACCA GCCATCATGG ACATCCTAAG AATACATCTG TTTCCAAA 387851 TACCTTTTTA TTCGCGGTAG GAGAAAAGAA CCAATAATCC AGTCAATG 387901 TTTGCTTTTG GAATTTCTAC TAAGAAGCCT TTTCATGAGG AAAAAATA 387951 AACAAAAGGA ACTTTTAGGA GTGGCGCTCT GTCAGCTGCT TGTGCATG 388001 CTGCTTGTGG ATTTGGTGTAT GAGCTTTAGA GAGACTGGC ATTGACTA 388051 TTTCACTGTC ATTGTGGCCC ACTGACTTC GAAAACACTA TCATTGTG 388101 TTTTAGTTAT ATTTGATGGT AGAATTATTC TTTTTAAAAAA ATTTCTCC 388151 TCTGTCTACT GAGGCTAGTT CAATGTAATC CGTGTTTTCT TTCTTCCC	
387701 CTGGGTGGA CCATGAGAAG AGCAGGAGAG CTGCACTTTT CTTGGGAG 387751 ATTATATCAT ATCTTGGAAC TCATACCACA GTAAGTGGCT CCCAGAGC 387801 ATAGAAACCA GCCATCATGG ACATCCTAAG AATACATCTG TTTCCAAA 387851 TACCTTTTTA TTCGCGGTAG GAGAAAAGAA CCAATAATCC AGTCAATG 387901 TTTGCTTTTG GAATTTCTAC TAAGAAGCCT TTTCATGAGG AAAAAATA 387951 AACAAAAGGA ACTTTTAGGA GTGGCGCTCT GTCAGCTGCT TGTGCATG 388001 CTGCTTGTGG ATTTGTGGCCC AATGACTTC GAAAACACTA TCATTGTG 388101 TTTTAGTTAT ATTTGATGGT AGAATTATTC TTTTAAAAAA ATTTCTCC 388151 TCTGTCTACT GAGGCTAGTT CAATGTAATC GGTGTTTTCT TTCCTCCC 388201 CTTGCTGCTT CTCTACTCAT TTTATTCCTT TCCCTTACCT GTATGCAT	
387701 CTGGGTGGA CCATGAGAAG AGCAGGAGAG CTGCACTTTT CTTGGGAG 387751 ATTATATCAT ATCTTGGAAC TCATACCACA GTAAGTGGCT CCCAGAGC 387801 ATAGAAACCA GCCATCATGG ACATCCTAAG AATACATCTG TTTCCAAA 387851 TACCTTTTTA TTGGGGTAG GAGAAAAGAA CCAATAATCC AGTCAATG 387901 TTTGCTTTTG GAATTTCTAC TAAGAAGCCT TTTCATGAGG AAAAAATA 387951 AACAAAAGGA ACTTTTAGGA GTGGGGCTCT GTCAGCTGCT TGTGCATG 388001 CTGCTTGTGG ATTTGGTTTTA GAGCTTTAGA GAGGACTGGC ATTGACTA 388051 TTTCACTGTC ATTTGGTGGCC ACATGACTTC GAAAACACTA TCATTGTCC 388101 TTTTAGTTAT ATTTGATGGT AGAATTATTC TTTTAAAAAA ATTTCTCC 388151 TCTGTCTACT GAGGCTAGTT CAATGTAATC CGTGTTTTCT TTCTTCCC 388201 CTTGCTGCTT CTCTACTCAC TTTTGGTTTCC AAAGCTGTAA CCTTATTCC 388251 CTCAGTTCTG TTCTTCACAC TTTGGTTTCC AAAGCTGTAA CCTTATTCC	
387701 CTGGGTGGA CCATGAGAAG AGCAGGAGAG CTGCACTTTT CTTGGGAG 387751 ATTATATCAT ATCTTGGAAC TCATACCACA GTAAGTGGCT CCCAGAGC 387801 ATAGAAACCA GCCATCATGG ACATCCTAAG AATACATCTG TTTCCAAA 387851 TACCTTTTTA TTGGGGTAG GAGAAAAGAA CCAATAATCC AGTCAATG 387901 TTTGCTTTTG GAATTTCTAC TAAGAAGCCT TTTCATGAGG AAAAAATA 387951 AACAAAAGGA ACTTTTAGGA GTGGGGCTCT GTCAGCTGCT TGTGCATC 388001 CTGCTTGTGG ATTTGGTTTA GAGCTTTAGA GAGGACTGGC ATTGACTA 388051 TTTCACTGTC ATTGTGGCCC ACATGACTTC GAAAACACTA TCATTGTC 388101 TTTTAGTTAT ATTTGATGGT AGAATTATTC TTTTAAAAAA ATTTCTCC 388201 CTTGCTGCTT CTCTACTCAT TTTATTCCTT TCCCTTACCT GTATGCAT 388251 CTCAGTTCTG TTCTTCACAC TTTGGTTTCC 388301 CTCTCCACAC TAAAGCCCTT TCCATTTGCC TCCCTGAAAG TACTTCTA	
387701 CTGGGTGGA CCATGAGAAG AGCAGGAGAG CTGCACTTTT CTTGGGAG 387751 ATTATATCAT ATCTTGGAAC TCATACCACA GTAAGTGGCT CCCAGAGC 387801 ATAGAAACCA GCCATCATGG ACATCCTAAG AATACATCTG TTTCCAAA 387851 TACCTTTTTA TTGGGGTAG GAGAAAAGAA CCAATAATCC AGTCAATG 387901 TTTGCTTTTG GAATTTCTAC TAAGAAGCCT TTTCATGAGG AAAAAATA 387951 AACAAAAGGA ACTTTTAGGA GTGGGGCTCT GTCAGCTGCT TGTGCATG 388001 CTGCTTGTGG ATTTGGTTTA GAGCTTTAGA GAGGACTGGC ATTGACTA 388051 TTTCACTGTC ATTTGGTGGT AGAATTATTC TTTTAAAAAA ATTTCTCC 388101 TTTTAGTTAT ATTTGATGGT AGAATTATTC TTTTAAAAAA ATTTCTCC 388151 TCTGCTGCTT CTCTACTCAT TTTATTCCTT TCCCTTACCT GTATGCAT 388251 CTCAGTTCTG TTCTTCACAC TTTGGTTTCC AAAGCTGTAA CTTATTCC 388301 CTCTCCACAC TAAAGCCCTT TCCATTTGCC TCCCTGAAAG TACTTCTA 388351 ACCATGGTAC ACACGGCATT TACCTTACAT GCATCCACTA CTGGTTTCC 388351 ACCATGGTAC ACACGGCATT TACCTTACAT GCATCCACTA CTGGTTTCC	
387701 CTGGGTGGA CCATGAGAAG AGCAGGAGAG CTGCACTTTT CTTGGGAG 387751 ATTATATCAT ATCTTGGAAC TCATACCACA GTAAGTGGCT CCCAGAGC 387801 ATAGAAACCA GCCATCATGG ACATCCTAAG AATACATCTG TTTCCAAA 387851 TACCTTTTTA TTGGGGTAG GAGAAAAGAA CCAATAATCC AGTCAATG 387901 TTTGCTTTTG GAATTTCTAC TAAGAAGCCT TTTCATGAGG AAAAAATA 387951 AACAAAAGGA ACTTTTAGGA GTGGGGCTCT GTCAGCTGCT TGTGCATC 388001 CTGCTTGTGG ATTTGGTTTA GAGCTTTAGA GAGGACTGGC ATTGACTA 388051 TTTCACTGTC ATTGTGGCCC ACATGACTTC GAAAACACTA TCATTGTC 388101 TTTTAGTTAT ATTTGATGGT AGAATTATTC TTTTAAAAAA ATTTCTCC 388201 CTTGCTGCTT CTCTACTCAT TTTATTCCTT TCCCTTACCT GTATGCAT 388251 CTCAGTTCTG TTCTTCACAC TTTGGTTTCC 388301 CTCTCCACAC TAAAGCCCTT TCCATTTGCC TCCCTGAAAG TACTTCTA	

# FIGURE 3GGGGG

388501	CGAAAGAATG	ACTGGCTAAT	<b>TATTIGTAGT</b>	GTCCTGGTTA	CATTTCCCCTC
388551	AGTTACTGGC	AGTATATTGC	TAAGTAAATG	<b>TGATAGGAAA</b>	GTAAGAGTGG
388601	CACAAGAAGA	TCACCTTATT	GACTAGTTCT	TCAGAGCATC	<b>ΓΤΤΑΤΑΔΑΤ</b>
30000T	CHISTOCHAS	ACACTAATCT	TTATTGAAGC	AACTICAA	TTCACCCACT
388701	GTTCCCCG	CCCTAGGACA	TACAGACAGC	IGCACICCII	CCICIACACA
388751	GAAGAAGTCA	CGTTCATATT	<b>GAGGTCCTTG</b>	AGTACCCATG	птстспп
			CTAGGTCATC		
200001	CTCATCTCCT	CAAAACTCTG	TCCAAGTTTT	CTATATCTCA	ACTITICATAG
300001	GIGAICIGGI	TACATOCAL	TCCAMOITI	ACACCCCACT	ACTAAATATA
388A0T	TICICCAAGC	IAGATGGAAT	TGTTTAAGAG	ACAGGGGGG	ACIAMIAIA
388951	GTAGGGAAAAT	TTTTCCCCAAA	<b>TGTTGACATA</b>	TACTAGAGGC	CCCAAGTTAC
389001	AAACATTCAC	ATTTCAGGTG	<b>GTCACTACTT</b>	CTCTGACCAT	AACTGATCAC
389051	TAAACCCCCT	TIGICATIAC	CATGTAAGCC	ΔΟΓΔΟΔΔΔΔΟ	ΔΔCΔΔΤΤΤΔΤ
200101	ACCTICATACA	AAAATCTATA	GAAGCAGGCT	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	CCTCACACCT
			GGCCAAGGCG		
			<b>ATATGGTGAA</b>		
389251	ACAAAAAACT	AGCCAGGCGT	<b>GGTGGCACGC</b>	GCCCGTAGTC	CCAGCTACTC
			TCGCTTGAAC		
380351	CCACCCCACA	TTACCCCACT	GCACTCCAGC	CTICCTICACAG	AACGAGACTC
			AAAAAGAGAG		
389451	TGTGAAGGAA	AGTAAGTGAT	TCTGCAAAGA	GGAATGCCCA	GGGGAACTGA
389501	CCCTAAGGAC	<b>AGCCTTCTAG</b>	<b>GCCCTAATGA</b>	TATAACATTT	CCCACTACCT
389551	ACATTTATTT	ACTGTGCTGT	ATTAGGCTCC	CTGAGGTTCC	AGTGATTACA
			TCTGCCAGTT		
			GGTTCCCTTC		
300200 70000T	IGWWGCCIG	ICIGACAATI	SOI ICCLIC	CICCACAAGG	
388\0T	AAACCCCCCA	TCTGGCCATG	TGAATCAAAA	CCAGAGACG	HGAGAGGH
389751	CCAGGCAGCC	TTTTGGTTAC	CICICITITI	CTCAACCCTG	ciciiiicc
389801	AACCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	CTGGCCACCA	TGGTACACAT	<b>GCTCATCTGG</b>	CCACTCTGTT
			TTACACATAC		
380001	CACTICICCAA	AAACACCCAC	ATATCAGTCA	TATACCAAAT	CAAATACTAC
3000L1	CACIGIGOA	ATTICE CAS	TEACATACTA	CCTCCTCAAT	AAATCTTCCC
38332T	AGIAAI IAAI	ATTIGICAC	TCACATAGTA	GIGCICAT	AAIGITUU
390001	AACCATTATG	TGCCAGGCTC	TCTATTCTCT	GAGGGAGTCT	CAGCTATGAG
390051	GGGTGGGGGA	<b>GGTATGCAGG</b>	AGAGAGAAAG	AGAGCTCCGT	CACCTGGCAG
390101	GAAATGTAGT	<b>GCTCTTTGCC</b>	TCTTCCAGTG	ATTCTTCAGA	CTTCTTAGCC
300151	TTCCAACCAT	TECTTEAAAT	TCTTGTCCAG	ATGAAAGAAG	TECTECTEAG
			TTCCCACTTG		
			TAGAACACAG		
			ACAGGTTTTT		
390351	CATTCTTGTT	TTCAAAAGAG	CTCTTTTTGC	ACCAGAACAT	GTGATAAAGT
390401	GGTTTTACTA	ATCCCTTGAA	GIIIGIII	TTCCTTCAAC	AAGATGATAG
300451	CCACCCTCTT	TTTTCAGAAA	AACATTAACA	TICCATAACCA	CTACAGTTAA
200501	CTCCCCC	CATTAATCAA	GCCCAGAACT	AATACTTACA	THETOETAAT
33020T	CHOOGGC	CATTAATGAA	GCCAGACT	AAIAGIIACA	CCCTAAACAT
39022T	TTGACAAAGC	CATCIAMATC	TATGCATGTT	HIGAAAGCI	CCCIAMACAI
390601	GCTGCTAAAT	CCCCTAAAAA	<b>GCTACTAAAC</b>	TGCTTTGGCA	GCCATTAGCC
390651	CAGCATAAGC	AGAGGAACTC	TTTTCAGTGA	<b>GTGAACAAAC</b>	AGAGAAAATA
390701	CCTGAATCG	ATTCGACAAAT	GIGITICAGC	TEGCECTTTC	ΔΤΤΤΔΟΟΔΑΤ
			AATCACTGTT		
350/31	CACALTATO	AGIOMIAIC	CACAACCTCT	TTTCACTACC	CTAATCTCCC
390801	CACAGIAICI	CITTICALC	CACAAGCTCT	TITCACIACC	GIAAIGIGIC
390851	TTTAGAATGA	CACTGGCATC	AGCCTGCTTC	CGCTGTCTGA	AGTCCAGAGA
390901	<b>GCTTAAAAAC</b>	<b>ACATTTCGGG</b>	ATTCTTGAAC	CTTCCTCCCC	TICOGITTIC
390951	CTACTGCCTC	CTCCCTCCTC	CCTCTGCATC	CATTCCGCCC	CCTCCCCAGA
391001	TICTITICAA	TICTICACC	TTTCCTGGCT	GAGTAAACAG	CATTCACTTC
301051	TOTAL	TICCACCTICTIC	CAAAGTAAAT	GTTGACAACC	CTATCTGATA
337037	TEGETICIAA	TOOGGETETE	47774446464	TACACATAAA	CAAATCCTTT
22TMT	TICCIGAGAT	I IAAGAACIC	ATTAAAGAGA	IACACATAAA	GANAIGCI II
391151	TACATGTTGG	TAATACATCA	AAGGTTGAAA	GGAATGTGGA	AACTCTGTGC
391201	TATGACACGG	TGTGTTGATG	AGCAAGGCCT	CACTCTGTAT	CAGAATATCT
391251	CCCCTCTCC	CCTCCCTTGA	COGTTGGCTC	CCCCCCT	CCACCACATA
301301	GAGACATICCA	TOCTTTCCCA	TCCCTTGTTA	AAAGTATGTG	CGTGCACAGC
301361	TACCTACCCT	TACACTTAAC	AGCAAATGCC	CITAAAACCA	AATGCCACTT
327337	TACCIACCE	TACAGI TAAG	AGCAMIGCE	ACTACTTAAT	ACCOMMENT
22T40T	CHAGATATC	TITIGGCACT	CCTGGTTCTG	AGIACI IAAT	AUGITALIT
391451	GGGATGAAGG	AAAGAACAGA	<b>ATGCTCTGTA</b>	IATGATTACC	TITIATCCTT
391501	TTGAAAACTT	GAGTGGACTA	ATTCTTGCAG	ATAAATTTTA	GCAATGGGCA
391551	TTTAGTTGTA	GAAGGTACCA	CAGATGAATA	TTTGGAATAT	TATGTTTCTA
391601	AAAGAGTACT	CATTOTTO	TACCICCITY	TATTTACTTA	TTTTTAAAA
301661	TITICACATAS	TACCIONING	CACAGAGGGCA	CHITTIC	CTCTGGAAGA
301204 72T03T	ACACAGALIG	IAGCIGICIG	TEATER	ACATTTCAC	CICIOGAGA
2AT\0Ţ	AGACATTCAA	GCCAAICTCA	ICAIGAAAG	ACATHOACT	CAGGCCTTGA
			CCTGAGTCAT	IGAGACGTTT	ITATGAAGAT
391751	<b>GCACTGTGAC</b>	ACCTAGAATT	CC. C		
391801	TATCAAGAGA	AGAGTGGGCT	<b>GCATACACTC</b>	TGAGAAAATA	TATATATTCA
391801	TATCAAGAGA	AGAGTGGGCT	<b>GCATACACTC</b>	TGAGAAAATA	TATATATTCA
391801 391851	TATCAAGAGA AGATGCTGAA	AGAGTGGGCT AATCCTTTCC	GCATACACTC AGAGAAAATT	TGAGAAAATA TGTTTCTTTT	TATATATTCA
391801 391851 391901	TATCAAGAGA AGATGCTGAA TGAGAGTGTT	AGAGTGGGCT AATCCTTTCC AAAAAAAATT	GCATACACTC AGAGAAAATT TTACTAGGCA	TGAGAAAATA TGTTTCTTTT AAATGTTTGA	TATATATTCA TAAAATTTTT AGTATGTTCA
391801 391851 391901	TATCAAGAGA AGATGCTGAA TGAGAGTGTT	AGAGTGGGCT AATCCTTTCC AAAAAAAATT	GCATACACTC AGAGAAAATT TTACTAGGCA	TGAGAAAATA TGTTTCTTTT AAATGTTTGA	TATATATTCA

392001 AGTGAAAATA TCTCTGAGCA TAAGTTTCAA TCAGTTTTAC CTGGAAATTT
392051 GTGGTGTGGT TTAAAAAACA AATGTTTAGC TTTTTCATTT GCGACCTAGT
392101 CIGITICATOC CATGAAGOGA TITICITITIC CAGAATCIGI TIGAGTIGICT
392151 TTCTAAAATG CCAAACATGT TGGCATCAAT TTTATACAGG GATATAAAAA
392201 AGTATATGTG GATAAATTTT TTGTAATCTT TAGGGATATA AAAAAGTGTA
392251 TGTGGATAAA TTTTTTGTAA TCTTTATTTT TGAAGGCCAG CCAGTAAAAT
392301 GCCCCAATGT GCCAGCCAGG CTTATGTGGC CTTGTTTTCA AATATACATA
392351 TATGIGITAT CATTAAAATT CATATATGCA TITTTIGITTT AGCCTTCTTA
392401 ATCTCTACCT ATGGCCAAAA AAATTTTTTT TGAGAGATAT TTTGTATAAT
392451 ACAATGCCCT TTGAAAGTGT AAGCCCACTC TAAGCCTAGA TCAGTAGGCT
392501 TGGGTTTTT TIGTIGTIGT TTTGTCTTT TTTTTTTT TTGAGACAGA
392551 GTCTCACTCT GTCACCTAAG CTGGAGTGCA GTGGCACGAT CTTGGCTCAC
392601 TGCAACCTCC GCCTCCTGAG TTCAAGCAAT TCTCCTGCCT CAACCTCCTG
392651 AGTAGCTGGG ACTACAGGTG TGCACCACCA CACGCAGCTA ATTTTTATAT
392701 TTTTAGTAGA GACAAGGTTT CACCATGTTA GCCAGGCCGG TCTCGAACTG
392751 CTGGCCTCAG GTGACCCCACC CACCTGAGCC TCCCAAAGTG CTGGGATTAC
392801 AGGCGTGAGC CACCATACCT GGAGAGGTTT TGTGTTTTTG TTTTTTTTTC
392851 ATAAAATGCT TITAATAAAT CATATGAAGC ATTCATGTTT TTACTTATAC
392901 ATATTTTCAG GGTACCAGTA AACTTTTTAG TTCAAAGATA GGCCAAATTG
392951 TACTITITIT TITTATGAGA CAGAGTCTCG CTGCTCTGTC GCCCAGGCTA
393001 GAGTGCAGTG GCGTGATCTA GGCTCACTGC AAGCTCTGCC TCCTGGGTTT
393051 ACTTACGCCA TTCTCCCGCC TCAGCCTCCT GAGTAGCTGG GACTACAGGT 393101 GCCCACCACC ATGCCTGGCT AATTTTTTTT TTTTTTTTT TTTATTAGAG
393151 ACAGGGTTTC ACCGTGTTAG CCAGGATGAT CTCGATCTCC TGACCTCGTG 393201 ATCCGCCGC CTCGGCCTCC CAAAGTGCTG GGATTACAGG CATGAGCTAC
393251 TGCGCCCTGC CGCCAAATTG TAATCTTAAA CATATTATGT TGCATTCTAA
393301 ATATGTATAT TTATGCTTCT TGTTATTTAT CCTCAGGATT TCTTCACACT
393351 TTATTACTIC ATAAATACTC TTGAAAAAGC TTTCAGAAAG TGATTCTCTG
393401 ACTTCAGATC AGAAACTGGC AATGGGAAGA ATGTGCACTT AAACTTGATC
393451 ACTGTAGATC TITIGAAAATT CCCAGAAAGA CAAATCAGAC AAGAAATACC
393501 TGATTATCAA AATAATGGGC TATACAGTTT TGTGGTGGCA TACATTCCTT
393551 GTTTGTTTGT TTAGAGATAG GATCTTGTTG TGTCACCCAG GGTGGAATGC
393601 AGTGGCACAG TCGTAGCTCA CTGCACCTTC AAACTCCTGG AGCTCAAGTG
393651 ATCCTCCTGA CTCAGCCTCC TGAGTAGCTA GGACAACAGG TGCACACTGC
393701 CATGTCAGGC TAATTTTTT TTTTAAACAG AGAGACAGAG TCTTGCTGTG
393751 TTGCCCAGGC TGGTCTCCAA CTCCTGGCCT CAGGTGACCC TCCTGCCTCA
393801 GCTTCCCAAA GGGCTGAGAT TACAGGTGTG AGCCACCATG CCCAGCCTGT
393851 GGTGACATAT ATTICTGAAGT CACATCTCAA ATATTTAATC CTCAAATATA
393901 TTTACATCCT CAAAAATATC AGATTTTCAA GACAACACTG GTTTACCAGT
393951 ACATAAACCC ACCTAGGGGA CAAAGAATAT TACCACTTAG AACTGTGTTG
394001 TCAAATACAA TAACCACTAA TTGTATCTGA CCATTTTAAT TAAATTAATT
394051 ACAATTAAAT AATATTTAAG AATTAGTTTA TCAGACATAT CAGCCACATT
394101 TCAAATGCTC AATAGCTACA TGTGGCAAGG GTCTGCCACA CTGGACAGAG
394151 TAGAAAACAT TCCCATCATT CAGAAGGTTC TCTTGGACGC T (SEQ ID NO:3)

#### FEATURES:

Genewise results: 2052 2052-2214 Start: Exon: 6544-6665 7947-8104 Exon: Exon: 12324-12382 12982-13623 Exon: Exon: 14599-14728 14985-15041 Exon: Exon: 17011-17134 26115-26370 58099-58253 105907-106116 Exon: Exon: Exon: Exon: 134208-134261 134208-134261 135030-135109 168302-168428 333800-333964 391657-391830 Exon: Exon: Exon: Exon: Exon: Stop: 391831

Sim4 results:

Exon: 2052-2214, (Transcript Position: 1-163) Exon: 6544-6665, (Transcript Position: 164-285) Exon: 7947-8104, (Transcript Position: 286-443)

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Exon: 12324-12382, (Transcript Position: 444-502)
Exon: 12982-13623, (Transcript Position: 503-1144)
Exon: 14599-14728, (Transcript Position: 1145-1274)
Exon: 14985-15041, (Transcript Position: 1275-1331)
Exon: 17011-17134, (Transcript Position: 1332-1455)
Exon: 26115-26370, (Transcript Position: 1456-1711)
Exon: 58099-58253, (Transcript Position: 1712-1866)
Exon: 105907-106116, (Transcript Position: 1867-2076)
Exon: 134208-134261, (Transcript Position: 2077-2130)
Exon: 135030-135109, (Transcript Position: 2131-2210)
Exon: 168302-168428, (Transcript Position: 2211-2337)
Exon: 333800-333964, (Transcript Position: 2338-2502)
Exon: 391657-391833, (Transcript Position: 2503-2679)

### CHROMOSOME MAP POSITION:

chromosome 4

ALLELIC VARIANTS (SNPS	:(:	
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	AKTANI2 (2)	NPS):				
DNA		_		Protein		
Position	Major	Minor	Domain	<u>Position</u>	<u>Major</u>	<u> Minor</u>
2769	G	C	Intron			
3193	Α	G	Intron			
3212	A	Ğ	Intron			
8756	A	- G	Intron			
9504	T .	G	Intron			
9848	ċ	Ğ	Intron			
9854	Ť	-	Intron			
9855	T	G	Intron			
9856	Ţ	C	Intron			
9858	À	G	Intron			
9859	Α	C	Intron			
9861	Α	G	Intron			
9933	Α	C	Intron			
29225	T .	-	Intron			
30318	-	CA	Intron			
31773	Α	G	Intron			
31815	G	A	Intron			
31937	Ť	Ĉ	Intron			
37476	ċ	Ä	Intron			
37907	Ğ	ĉ	Intron			
39942	Ğ	Ā	Intron			
39962	Ť	ĉ	Intron			
54112	Ġ	A				
56564	T	ĉ	Intron Intron			
	Ċ	G				
56577			Intron			
62685	G	A	Intron			
66226	G	Ţ	Intron			
69242	<u>T</u>	C	Intron			
71663	T	C	Intron			
72277	Α	G	Intron			
73914	Α	G	Intron			
84040	C	G	Intron			
89030	G	Α	Intron			
93320	Α	T	Intron			
101668	G	Т	Intron			
103856	_	GT	Intron			
105833	Т	Č	Intron			
105955	Ġ	č	Exon, coding	639	E	Q
107551	Ğ	Ť	Intron	033	<b>L</b>	4
119296	Ť	ċ	Intron			
119555	†	A	Intron			
121866						
123805	-	Ţ	Intron			
122895	G	A	Intron			
131609	G	Ţ	Intron			
131723	<u>c</u>	Т	Intron			
132231	Т	-	Intron			
135632	-	Α	Intron			
141539	G	Α	Intron			

FIGURE 3JJJJJ

142214	c	Α	Intron
145778	Ā	Ĝ	Intron
151190	Â	Ť	Intron
157553	Â	ċ	Intron
157636	Â	Ť	Intron
162146	Â	Ġ	Intron
163621	Â	Ğ	Intron
164329	ĉ	Ä	Intron
164414	Ť		Intron
164418	Á	_	Intron
165385	Ċ	- - T	Intron
169409	Α	G	Intron
169427	Т	Ġ	Intron
169482	Α	G	Intron
169833	Α	G	Intron
172752	Α	Č	Intron
174593	T	C	Intron
175255	Ċ	G	Intron
182043	G	A	Intron
191691	C	Ţ	Intron
191860	Č	T T	Intron
205285 205541	C G	Å	Intron Intron
214654	A	ŤG	Intron
217543	Â	Ġ	Intron
220982	Ĝ	Ä	Intron
223142	-	Ĝ	Intron
224714	G	Č	Intron
224830	C	Ğ	Intron
226572	- G	Τ	Intron
231688	G	Α	Intron
231789	T	C	Intron
233397	-	A	Intron
233523	G	A	Intron
234058 234588	A T	G G	Intron Intron
239457	Ä	G	Intron
239491	Â	Ğ	Intron
239555	ĉ	Ã	Intron
242177	č	GTA	Intron
247768	T	ACG	Intron
249117	Α	G	Intron
249605	G	Α	Intron
250289	Ċ	Ţ	Intron
251073	C	Ţ	Intron
252314	_	A	Intron
253696 253831	A	G G	Intron Intron
253888	Ĝ	Ā	Intron
253894	Ğ	Â	Intron
255016	Ğ	Ä	Intron
256221	Т	C	Intron
256464	Т	A C C A G T C C	Intron
263085	G T C A T	Α	Intron
265178	G	A	Intron
265800	Ţ	G	Intron
269688	Ç	Ţ	Intron
272937 273176	A	Č	Intron Intron
275790		Č	Intron
275790 276058	-	Č A G	Intron
276824	Ċ	ě	Intron
280661	č	G T C G T	Intron
280667	Ã	ċ	Intron
281343	A	ĞΤ	Intron
283572	-	T	Intron
288144	T - C C A A - C A	T	Intron
288353	<u>A</u>	T G C	Intron
288504	Ţ	č	Intron
288604	Т	C	Intron

# FIGURE 3KKKKK

				_	
4		, .	06	-	
7	n		114	#4	
	61.4	<b>ノ</b> つ	UO	4	~
_	•		-	•	

2004.50	_		
289150	C	Т	Intron
291331	G	C	Intron
291575	G	C	Intron
291589	G	Ť	Intron
294398	G	Ä	Intron
298090	č	Ť	Intron
299714	Ğ	À	Intron
306438	Ā	Ĝ	
306579	Ť	Ġ	Intron
3003/9		C	Intron
310153	T	Č	Intron
310189	Α	G	Intron
310283	Α	Ğ	Intron
311696	G	T	Intron
315318	A T	_	Intron
315383	Т	G	Intron
322289	<i>C</i>	Ğ	Intron
323572	Ť	ċ	Intron
324052	Ť.	. <b>A</b>	Intron
326324	Ġ	T T	Intron
327037	G	, ,	
327038	÷	G G	Intron
327295		G	Intron
	A	G	Intron
328248	Т	C	Intron
328332	C	C T T	Intron
328453	G	T	Intron
328464	G	C	Intron
328968	C	Ť	Intron
329579	Ā	Ġ	Intron
331838	Â	G G	Intron
332042	Â	<b>G</b> .	Intron
332058	Ä.	G C G	
222410	Α.		Intron
333419	A	G	Intron
336143	T	G	Intron
336148 337934	T	Ğ	Intron
337934	C	T	Intron
341242	Т	Ċ	Intron
341261	C	Т	Intron
346129	G	À	Intron
350106	Ġ	Ä	Intron
351103	Ā	Ĝ	Intron
351139	Ť	Ğ	Intron
351139 358126	ė	Ā	Intron
361818	Ğ	Ä	
362286	Ļ	C G C A	Intron
	C T	G	Intron
362869	Ţ	Ç	Intron
363642	G	Α	Intron
363730	Α	Т	Intron
365893	G	Α	Intron
366622	-	C	Intron
370992	G	c c	Intron
371475	G	Ā	Intron
373927	A	Ť	Intron
374062	G	À	Intron
374489	č	Ĝ	Intron
375527	Ā		
37500E	~	- T	Intron
375885	G	A	Intron
376687	Ç	A	Intron
378952	A	G	Intron
379000	G	Α	Intron
384480	G	Α	Intron
385802	G	ΑT	Intron
386270	T	Ċ	Intron
386338	Ġ	Ā	Intron
387449	č	Ĝ	Intron
389096	Ť	Č	Intron
389998	Ť	c	Intron
392964		T	
393018	ċ		Intron
<b>STACE</b>	C	Т	Intron

Context:

#### DNA <u>Position</u> 2769

TTAACGTGATTCCACTTCAGGCTACACAGGTGCTAAGTGGCAGAGCCGATATTTGAGTCCA
GATGTGTTTGACTTAAAAGCCATTCCTAGATGACAGCTCCTTTGATTTGGGAGAACGTAT
TTATACTGAAAAAGTCTTATAAATTGAATTAAAATTGAAAAATTTATATTTGATGTGTAAT
AGCTTTGAAAAAATGGACCAGACTAGTGGCAAAAACTTTATGTCTAATCAGACCTTAAAG
ACAATTTAGAGTTCACATGGTATTTTCACTCTGCCTTAGGTATCAGAGGACAACTTGTTC

TACTGAAAAGTCTTATAAATTGAATTAAAAATTGAAAATTTATATTTGATGTGTAATAGC
TTTGAAAAATTGACCAGACCTAGTGGCAAAAACTTTATGTCTAATCAGACCTTAAAGACA
ATTTAGAGTTCACATGGTATTTTCACTCTGCCTTAGGTATCAGAGGACAACTTGTTCTGT
CCTGAAGGTTCAACTTGTTTTTTGAACTAGATCCTTCCCATTGACATGTAAACATGCTCAT
TTCTCTTCCATCTTAAATCAGAACAAAAGCTCCACATTTTCTTCCTGCAACCGTCTCTCT
[A,G]
TCCATTGCCAAGCTTCTTAAATTGGGTGTCTCTGCCGCCCTCACCACTTACATACTCTCC

TCCATTGCCAAGCTTCTTAAATTGGAGTGGTCTCTGCCGCCCTCACCACTTACATACTCTCCCCTAGCCTATTCCTCTTTTGACTTCCACCCCATCATTCCATGGAAACTGTTCCTGGTGTGGTCTCCGAGCCATCATTCCATGGAAACTGTTCCTGGTGTGGTCACCACGCACCTTTTTGGTATTTGTTGACCATTCTTCTTATGTGTTGTCAAACTTTGCTGGTTTTCTTTTGCAGGCCTCGTCCTCTTCCCTTGACCAT

TIGAATTAAAAATTGAAAATTTATATTTGATGTGTAATAGCTTTGAAAAATTGGACCAGAC
TAGTGGCAAAAACTTTTATGTCTAATCAGACCTTAAAGACAATTTAGAGTTCACATGGTA
TTTTCACTCTGCCTTAGGTATCAGAGGACAACTTGTTCTGTCCTGAAGGTTCAACTTGTT
TTTGAACTAGATCCTTCCCATTGACATGTAAACATGCTCATTTCTCTCCATCTTAAATC
AGAACAAAAGCTCCACATTTTCTTCCTGCAACCGTCTCTCTATCCATTGCCAAGCTTCTT
[A,G]

AATGGAGTGGTCTCTGCCGCCTCACCACTTACATACTCTCCCTAGCCTATTCCTCTTTGA CTTCCACCCCATCATTCCATGGAAACTGTTCCTGGTGTGGTCTCCGAGCATCTCCGTGTT GATAAACCTTACGTGACCACAGCAACTTTTGGTATTGTTGACCATTCCCTCCTTCTCGAA ACACTTAACTTCTTATGTGTTGTCAAACTTGCCTGGTTTTCTTCATCTTTGGTGATGTTT CATCATTTTTCTTTGCAGGCTCGTCCTCTTCCCTTGACCATTAAATGTTGAAGTTCGTCA

9504 CAAGTCTTCTCAAAAATCATTTACAAAAAGCATCTTTTTATACTTTAATGTCACCTTAGT
AATAGTTTGGGGGATGTGTTTACATTATATGTGAGAATTACAAACCATTTTCTAGTCATC
AGCTTGATTTTAATATGTTCTCTTTTGCTACTATTGTAGATTTTAGACTTGAGTTTTGGC
ATATTTTTTCCTTTATAACAGGAGAATGTTTTCAGAGCTTATAGTAACAGTTTAATGAAC
AATAAAAAGCAGAAGGGACAAGGAGACAATATGTTGAGTACCGGCTGTATACAGAAGCTTT
[T,G]

TATATATTGCATGTATGTATACACACACACACATTTACCCTTTTCTTTTTAAACAGATGA
AATAGTCTGAGGAGAACTTGCCTAATATTTTATGAGGTAGTTAATAGTACTGTTGAGATT
AAACTGGATTATTCCTCAGACTATGTCTTAAAATGGTGCTACAGGTAGCAGTAATTCGTT
GACTGGAATTAGCATTTATGATGACCTACAAACTAGTCAGACCTCTTGAGCGCACAGCAG
TCTTAGGTGAGTAATGATTGCTTATTAGAGGAGGACTGGATATGTTTTAAATGAAAGCTCA

TTATGTTTAAAAAATCTTAAGTATAGACAAGAAAGTTAACTTCCAGTTGGGAAAATCAGT

9848 TCTTTTTAAACAGATGAAATAGTCTGAGGAGAACTTGCCTAATATTTTATGAGGTAGTTA
ATAGTACTGTTGAGATTAAACTGGATTATTCCTCAGACTATGTCTTAAAATGGTGCTACA
GGTAGCAGTAATTCGTTGACTGGAATTAGCATTTATGATGACCTACAAACTAGTCAGACC
TCTTGAGCGCACAGCAGTCTTAGGTGAGTAATGATTGCTTATTAGAGAGGACTGGATATG
TTTTAAATGAAAGCTCAGGTTTTAAAATTTTGTTTTAAAAAATCTTATGTTTTAAAAAAT
[C,G]

### FIGURE 3MMMMM

CATTITAGTCTGCTTAAATCCTTCAGTTGCAACTGTAAGATTTTATTATTAATAGTAATG TTAGAGCTCCTTCTAGTGGAAATTATTTTATGTGCAACTATTATTTTTTAAAAGCAAAA TTGGTTTGATATTTTTACTGTTTTTACATGTATTTGTAAATACCTTCTATTCAGAGTTTA ACAAAAGCAATTTAAGTATAACTTGGTTTAGAGTTCCATAAACAAAAGTAAATGTAAGCA

- TAAACAGATGAAATAGTCTGAGGAGAACTTGCCTAATATTTTATGAGGTAGTTAATAGTA
  CTGTTGAGATTAAACTGGATTATTCCTCAGACTATGTCTTAAAATGGTGCTACAGGTAGC
  AGTAATTCGTTGACTGGAATTAGCATTTATGACCCTACAAACTAGTCAGACCTCTTGA
  GCGCACAGCAGTCTTAGGTGAGTAATGATTGCTTATTAGAGAGGACTGGATATGTTTTAA
  ATGAAAGCTCAGGTTTTAAAATTTTGTTTTAAAAAATCTTATGTTTTAAAAAATCTTATG
  [T,-]
  TTAAAAAATCTTAAGTATAGACAAGAAAGTTAACTTCCAGTTGGGAAAATCAGTCATTTT
  - TTAAAAAATCTTAAGTATAGACAAGAAAGTTAACTTCCAGTTGGGAAAATCAGTCATTTT AGTCTGCTTAAATCCTTCAGTTGCAACTGTAAGATTTTATTAATAGTAATGTTAGAG CTCCTTCTAGTGGAAATTATTTTATGTGCAACTATTATTTTTTAAAAGCAAAATTGGTT TGATATTTTTACTGTTTTACATGTATTTGTAAATACCTTCTATTCAGAGTTTAACAAAA GCAATTTAAGTATAACTTGGTTTAGAGTTCCATAAACAAAAGTAAATGTAAGCATTTAAG
- 9855

  AAACAGATGAAATAGTICTGAGGAGAACTTGCCTAATATTTTATGAGGTAGTTAATAGTAC
  TIGTTGAGATTAAACTIGGATTATTCCTCAGACTATGTCTTAAAATTGGTGCTACAGGTAGCA
  GTAATTCGTTGACTGGAATTAGCATTTATGATGACCTACAAACTAGTCAGACCTCTTGAG
  CGCACAGCAGTCTTAGGTGAGTAATGATTGCTTATTAGAGAGGACGACTGGATATGTTTTAAA
  TIGAAAGCTCAGGTTTTAAAATTTTGTTTTAAAAATCTTATGTTTTAAAAATCTTATGT
  [T,G]
  - TAAAAAATCTTAAGTATAGACAAGAAAGTTAACTTCCAGTTGGGAAAATCAGTCATTTTA GTCTGCTTAAATCCTTCAGTTGCAACTGTAAGATTTTATTAATAATAGTAATGTTAGAGC TCCTTCTAGTGGAAATTATTTTATGTGCAACTATTATTTTTTTAAAAGCAAAATTGGTTT GATATTTTTACTGTTTTTACATGTATTTGTAAATACCTTCTATTCAGAGTTTAACAAAAG CAATTTAAGTATAACTTGGTTTAGAGTTCCATAAACAAAAGTAAATGTAAGCATTTAAGG
- 9856 AACAGATGAAATAGTCTGAGGAGAACTTGCCTAATATTTTATGAGGTAGTTAATAGTACTGTTGAGATTAAACTGGATTATTCCTCAGACTATGTCTTAAAATGGTGCTACAGGTAGCAG
  TAATTCGTTGACTGGAATTAGCATTTATGATGACCTACAAACTAGTCAGACCTCTTGAGC
  GCACAGCAGTCTTAGGTGAGTAATGATTGCTTATTAGAGAGGGACTGGATATGTTTTAAAT
  GAAAGCTCAGGTTTTAAAAATTTTGTTTTAAAAAAATCTTATGTTT
  [T,C]
  - AAAAAATCTTAAGTATAGACAAGAAAGTTAACTTCCAGTTGGGAAAATCAGTCATTTTAG TCTGCTTAAATCCTTCAGTTGCAACTGTAAGATTTTATTAATAGTAATGTTAGAGCT CCTTCTAGTGGAAATTATTTTATGTGCAACTATTATTTTTTTAAAAGCAAAATTGGTTTG ATATTTTTACTGTTTTTACATGTATTTGTAAATACCTTCTATTCAGAGTTTAACAAAAGC AATTTAAGTATAACTTGGTTTAGAGTTCCATAAACAAAAGTAAATGTAAGCATTTAAGGA
- 9858 CAGATGAAATAGTCTGAGGAGAACTTGCCTAATATTTTATGAGGTAGTTAATAGTACTGT
  TGAGATTAAACTGGATTATTCCTCAGACTATGTCTTAAAATGGTGCTACAGGTAGCAGTA
  ATTCGTTGACTGGAATTAGCATTTATGATGACCTACAAACTAGTCAGACCTCTTGAGCGC
  ACAGCAGTCTTAGGTGAGTAATGATTGCTTATTAGAGAGGACTGGATATGTTTTAAATGA
  AAGCTCAGGTTTTAAAAATTTTGTTTTAAAAAAATCTTATGTTTTAAAAAAATCTTATGTTTA
  - AAAATCTTAAGTATAGACAAGAAAGTTAACTTCCAGTTGGGAAAATCAGTCATTTTAGTC
    TGCTTAAATCCTTCAGTTGCAACTGTAAGATTTTATTATTAATAGTAATGTTAGAGCTCC
    TTCTAGTGGAAATTATTTTATGTGCAACTATTATTTTTTAAAAGCAAAATTGGTTTGAT
    ATTTTTACTGTTTTTACATGTATTTTGTAAATACCTTCTATTCAGAGTTTAACAAAAGCAA
    TTTAAGTATAACTTGGTTTAGAGTTCCATAAACAAAAGTAAATGTAAGCATTTAAGGAGA
- 9859 AGATGAAATAGTCTGAGGAGAACTTGCCTAATATTTTATGAGGTAGTTAATAGTACTGTT
  GAGATTAAACTGGATTATTCCTCAGACTATGTCTTAAAATGGTGCTACAGGTAGCAGTAA
  TTCGTTGACTGGAATTAGCATTTATGATGACCTACAAACTAGTCAGACCTCTTGAGCGCA
  CAGCAGTCTTAGGTGAGTAATGATTGCTTATTAGAGAGGACTGGATATGTTTTAAATGAA
  AGCTCAGGTTTTAAAAATTTTGTTTTAAAAAAATCTTATGTTTTAAAAAAATCTTATGTTTAA
  - AAATCTTAAGTATACACAAGAAAGTTAACTTCCAGTTGGGAAAATCAGTCATTTTAGTCT
    GCTTAAATCCTTCAGTTGCAACTGTAAGATTTTATTATTAATAGTAATGTTAGAGCTCCT
    TCTAGTGGAAATTATTTTATGTGCAACTATTATTTTTTTAAAAAGCAAAATTGGTTTGATA
    TTTTTACTGTTTTTACATGTATTTTGTAAATACCTTCTATTCAGAGTTTAACAAAAGCAAAT
    TTAAGTATAACTTGGTTTAGAGTTCCATAAACAAAAGTAAATGTAAGCATTTAAGGAGAT
- 9861 ATGAAATAGTCTGAGGAGAACTTGCCTAATATTTTATGAGGTAGTTAATAGTACTGTTGA
  GATTAAACTGGATTATTCCTCAGACTATGTCTTAAAATGGTGCTACAGGTAGCAGTAATT
  CGTTGACTGGAATTAGCATTTATGATGACCTACAAACTAGTCAGACCTCTTGAGCGCACA
  GCAGTCTTAGGTGAGTAATGATTTGCTTTAAAAAATCTTATGTTTTAAAAAATCTTATGTTTAAAAA

### FIGURE 3NNNNN

PCT/US03/06670 10/506549

[A,G]	
ATCTTAAGTATAGACAAGAAAGTTAACTTCCAGTTGGGAAAATCAGTCAT	TTAGTCTGC
TTAAATCCTTCAGTTGCAACTGTAAGATTTTATTATTAATAGTAATGTTA	GAGCTCCTTC
TAGTGGAAATTATTTTATGTGCAACTATTATTTTTTAAAAGCAAAATTG	GTTTGATATT
TTTACTGTTTTTACATGTATTTGTAAATACCTTCTATTCAGAGTTTAACA	AAAGCAATTT
AAGTATAACTTGGTTTAGAGTTCCATAAACAAAAGTAAATGTAAGCATTT/	AAGGAGATAC

CATTAGTTTATACATATATTTGATTCATGAAATTTCCCCCCTCATTGTATTTCTCTCTTGT

- 9933
  TTATTCCTCAGACTATGTCTTAAAATGGTGCTACAGGTAGCAGTAATTCGTTGACTGGAA
  TTAGCATTTATGATGACCTACAAACTAGTCAGACCTCTTGAGCGCACAGCAGTCTTAGGT
  GAGTAATGATTGCTTATTAGAGAGGACTGGATATGTTTAAAATGAAAGCTCAGGTTTTAA
  AATTTTGTTTTAAAAAAATCTTATGTTTTAAAAAATCATTATGTTTAAAAAATCTTAAGTAT
  AGACAAGAAAGTTAACTTCCAGTTGGGAAAATCAGTCATTTTAGTCTGCTTAAATCCTTC
  [A,C]
  GTTGCAACTGTAAGATTTTATTAATTAATAGTAATGTTAGAGCTCCTTCTAGTGGAAATTA
  TTTTATGTGCAACTATTATTTTTTTAAAAGCAAAATTGGTTTGATATTTTTACTGTTTTT
  ACATGTATTTTGTAAATACCTTCTATTCAGAGTTTAACAAAAGCAATTTAAGTATAACTTG
  GTTTAGAGTTCCATAAAACAAAAGTAAATGTAAGCATTTAAGGAGATACATGCAATTTTCT
- 30318 GATGCAATGGGGAATGTCCTTCTACATGTCAGGGCACCAAAGGAGGTGACCTGCTACTGT
  CTAGTCCTGTGCTTCCCATTGTAGTAGCCACATGGTGAGTCCCTTTACATTGGATTAGGT
  AAAAGTAATCTAGAGATTATTTAAATTATATGGGAGGATGACATAGGCTACATGCAAAT
  ACTGTGCCATTTTATATAAGAGGCTTGAGCTGTCCTTAGATTTTGGTATCTTAGGGGTCC
  TGGAACCGGATACCCCCATAGATACTAAGGGATGACTGTATCCTATCAGACTTTTCCAAAGT

GTAGAGACAGGTTTCACTATGTTGGGCAGGCTGGTCTCAAACTCCTGACCTCAGGTGATC CACCCGCCTCAGCCTCCCAAAGTGGTGGGATTACAGGCGTGAGCCACTGTGTCTGGCCCA

TIGICIGIGITTATAGCTCATCCTGTTTGCCAGATGAGGCAGCAAGGTGTGAGGGCGCAG
TTTGAAAGCTGGAAAAAGACTCAGAAGTTAGCACGATATCATCACTGTAATGGAAAATGT
GTACCCCTTCCAGGACCTCCATGGCTATATAAATATCCCTGGGGCAAGATGGTAAAAGTC
TATTGTTCTTCCCAGGTGAATGCAAATTGGTCTTGACTCTCTGCGGCAATGGGGATGCTG
AAGAAGGCATTGGTTAAATCAATAACAGAGTGGTAGTGGTATGTGCCAGTGCCTCTCCCC
[A,G]

CCCTCTTTAGAAGGGAGGTGATATTGGGAACATGTGCATACGTTGGGGGGACTGCCTTAC
TTAATTCCCAGTAATCTAGTGTCATTGTCCATGTCCCATCAGGCTTCCACATGGGCCGTA
CATGGCTGTTGTATGGGCTGTGCACTGGCCTTGTAATGCCTCCTTGGGCTAACTCCTTAA
CAATCCCTGTGGTTTCATTATGTCCCCCCAGCAGGCAGTATTGCCTCAGTGCTACTACTT
GCTGTGTGGGGTTGGCAACTATACTGGTGTCCATTTCGCATTCCCCTTGGTCACATGCTT

31815 CAAGGTGTGAGGGGGCAGTTTGAAAGCTGGAAAAAGACTCAGAAGTTAGCACGATATCAT
CACTGTAATGGAAAATGTGTACCCCTTCCAGGACCTCCATGGCTATATAAATATCCCTGG
GGCAAGATGGTAAAAGTCTATTGTTCTTCCCAGGTGAATGCAAATTGGTCTTGACTCTCT
GCGGCAATGGGGATGCTGAAGAAGGCATTGGTTAAATCAATAACAGAGTGGTAGTGGTAT
GTGTCCAGTGCCTCTCCCCACCCTCTTTAGAAGGGAGGTGATATTGGGAACATGTGCATAC
[G,A]

TTGGGGGGACTGCCTTACTTAATTCCCAGTAATCTAGTGTCATTGTCCATGTCCCATCAG
GCTTCCACATGGGCCGTACATGGCTGTTGTATTGGGCTGTGCACTGGCCTTGTAATGCCTC
CTTGGGCTAACTCCCTTAACAATCCCTGTGGTTTCATTATGTCCCCCCAGCAGCAGCAGTATT
GCCTCAGTGCTACTACTTGCTGTGTGGGGTTTGGCAACTATACTGGTGTCCATTTCGCATT
CCCCTTGGTCACATGCTTCACCACTCTCAGTCAGAACTCCCCAGCAGTTGTTTGGAGGGT

31937 CAAGATGGTAAAAGTCTATTGTTCTTCCCAGGTGAATGCAAATTGGTCTTGACTCTCTGC
GGCAATGGGGATGCTGAAGAAGGCATTGGTTAAATCAATAACAGAGTGGTAGTGGTATGTG
GTCCAGTGCCTCTCCCACCCTCTTTAGAAGGGAGGTGATATTGGGAACATGTGCATACGT

PCT/US03/06670

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TGGGGGGACTGCCTTACTTAATTCCCAGTAATCTAGTGTCATTGTCCATGTCCATCAGG CTTCCACATGGGCGTACATGGCTGTTGTATGGGCTGTGCACTGGCCTTGTAATGCCTCC [T,C]

GGTTACTGAATCCCCCTGACAAGAGTTTCTGATTCAGTAGGTCTGAGCTGGTGCCTGAGA
ATGCTAACAAGTTCCCAGGTGATGCTAATGCTGGTGCCTAATGCGGCTGATCTGGAGACCA
CACTTTGAGAGCTATTGACCTATAGGGCATTAGTTCCTAAACCTCATTATGCATCAGGCT
CACCTGGGAAACTACACATTCACTCATGCTCACAGTCACATTCCCCACTCATAATTAAGTG
TTTAAGGGAGTTAGGAAGCTGGAGGCAGGATCTATAATGTTTTTCCAAGTGATTTTGAAGC

37907 GCTATTGACCTATAGGGCATTAGTTCCTAAACCTCATTATGCATCAGGCTCACCTGGGAA
ACTACACATTCACTCATGCTCACAGTCACATTCCCCACTCATAATTAAGTGTTTAAGGGAG
TTAGGAAGCTGGAGGCAGGATCTATAATGTTTTCCAAGTGATTTTGAAGCAGCCAGTCTT
GCCCTTGTCTGTGATTGGACATTTGATTCGCTGATTTAGGCAAGTGGTTCTCCAACCTAT
GTAAGAAGCATTTGTAGAGCTCGTGAAAACACAGTTCTGGGGTCTATCCTGCTGATTCCT
[G,C]

39942 TTTTTAGCTCATTTGTCCCTCCACCCCCAACTAGCTTACTTTAACAGGGATTTATGGAGC
ATCTGCTATGTAATAGTCCAACTCTTATGAAAGGTTCTGTTTCTAATATTTTTTAC
TATTTTTTCAATTCTGTCAACGTTGTTTTCTAAGGTTAGAATTAAAATATTGATACTGTAG
AAATTTGATATTTTAAAATAAAGTCCAGGGAAATAATGGGACTTATTGCAAAGCTTATGG
TGAGCTCTACATTCAGATGCTATCATTATACTTTATCAGCTGATAAACATTGAGCAAGCT
[G,A]

TTCAACCTCTTGGGTTTTATATCCTCACCAGCTAAGTAGGGATAACACTATATGGTTTTA
AGAGTTCTTATGAGGTTTAGTAATATAGCCTGGCAGCAGTGGTGATGGTTTATATAGGCC
CTTGATAAGTGTCACTTAATTTCTCCTTTTCTTCTTTAGCCTCTGGAAAATTGATATTTA
AACATTTTCTAAAAATTGTATTTTACGTATATTTATGCATTTCTCTGGTAGAAGCTTGTT
TGGATTTTTGGCAATTTTTCTGATATGAAGTGTTCTTGATTATCCTAGTATAAAAGATAGG

ATCCTCACCAGCTAAGTAGGGATAACACTATATGGTTTTAAGAGTTCTTATGAGGTTTAG TAATATAGCCTGGCAGCAGTGGTGATGGTTTATATAGGCCCTTGATAAGTGTCACTTAAT TTCTCCTTTTCTTCTTTAGCCTCTGGAAAATTGATATTTAAACATTTTCTAAAAATTGTA TTTTACGTATATTTATGCATTTCTCTGGTAGAAGCTTGTTTGGATTTTTGGCAATTTTTCT GATATGAAGTGTTCTTGATTATCCTAGTATAAAAGATAGGGAAATCTGGCAGAATCCTTT

54112 GTTGAAAAGTCTTAAGTTGAATCCTAAGTCAGGGACTGTCTTTATCACTGAATATTTTTT
AATGCTTCTGCTCCATTTAACTAATGAGGATGTCGAGTAGTAAAATCGACCCAATTTATCA
TCGTCTTAGTCCAGTTTCTGCTGCTATAACAAAATACCACATACTTGGTAATTTACAAAG
AACAGAAATTTATTTCTCACAGTTCTGGAGGCTGGAAAGTCCAAGATCAAGGTGCTGGCA
GGTTTGGGCTCAGTCTCTTTGCATCCAAGATGGTGCCTTGAATGCCATATTCTCTAAAGG
[G,A]

GAGGAACGTTGTGTCCTCACATAGCAGAAGGGTAAGAAAAAGGGCAAGCCTTTCTTATAG CTGTATTAATCCATTCATGAGGCTGGAGACACCTCTCATTAGGCCTCACCTCCCATCAGT GTGTCATTAGGGATTAAGTTTTAACATGAGTTTTGGAGGAGACAAAAACATTCATACCAT AGCAAACATAAACATGTCAAGAATTGTAAAGGGTCTGAGATTTTACTCTACTTTTACTCT ATTCTAACAAATTTTGTGAGTGGCTGCAGAAGAGTCAAAGGAAAGAATATTGCAGCAACA

56564 GTGCAGGCACGGCTCTGTGTGAGGATGTGGCTGGACCAGGCATACCACAAGTG

TTTTCCACCGTGGGCACCAGGTAACGTGGTGGTACCTGGAAGCTTGGAGATGTTGGAAAC 10/506549 ATCTGGGCTCCCCAGAGGGCCACAGCTCCTCTTCTTCTCATTGCCCAAAATGTGGTGACC AGTGGGCGTGTTTCAGTCCTGTTTGTGTTACAGCTCTTTCAGTCCTGCCATTTGGAAGGT

[T,C]

CTGAGTTCTTGTCCAGCCTTTAGGAAGAATGAGGTATGTGGACAGCTGGAGGGTGAGCAA GGCAGAGAGGAGCTTCATTGAGCAAGAGAACAGCTCTCAGGAGACCTGAAGTGGGTAGGT GGGGTAGCTGCTGTCCACAGGCAGGCCATCCTCACAAATGTCTAGCTTTCCGCAGAGAGG ACACCTGGAGTGGGTAGCTCCTTTCTGCAGGTAGGTCATCCTGATGAGTGTCCTGCTGTC

56577 CACCGGCTCTGTGTGAGGATGTGGCTGGACCAGGCATACCACAAGTGTTTTCCACCGTGG GCACCAGGTAACGTGGTGGTACCTGGAAGCTTGGAGATGTTGGAAACAGCAGAGCCCCAA AGAGAGTGTCACAGCTCTGGTATCACAGCTCTGATCACAGCCCTTGCATCTGGGCTCCCCC AGAGGGCCACAGCTCCTCTTCTTCTCATTGCCCAAAATGTGGTGACCAGTGGGCGTGTTT CAGTCCTGTTTGTGTTACAGCTCTTTCAGTCCTGCCATTTGGAAGGTTCTGAGTTCTTGT [C.G]

TTCATTGAGCAAGAGAACAGCTCTCAGGAGACCTGAAGTGGGTAGGTCCTTCTGCCATCA GGTCGTCCTGATGAGCGTCCAGCTCTCAGCAGAGAGGATACCTGGAGGGGGTAGCTGCTG GTAGCTCCTTTCTGCAGGTAGGTCATCCTGATGAGTGTCCTGCTGTCAGTGGAGAGGAGA

62685 TTTTCTGGTTTGTATGATTATGGACAGAAAAGATACGTGATATGATTTTAGTCTTCTTAA ACT TITTAGACTIGTTTTGTGGTCTAAGATATGATCTATCCTTCAGAATGTGTCATGTGC **ACTTGAAAAGAATATGTATTTGAGAGCCCCATAGATGGTTCACATCACAGGACTCTGTAC** [G,A]

GACAACCCCCAGTACCAACCCAGAGCTGGGTAGACTTGCTGGGTGGCTAGACCTAGAAGA CAGACAACAATCACTGCAGTTAGGCTCACAGGAAGACACATCCATAGGAAAAGTGGGGAG AGTACTACATCAACGGAATATCCCATGGGACAAAGGGATTCGAACAACAACCTTCAGCCC CATGCCAAAACAAGGCTCTTCAACACCCCTCAAAAATCACACTAGGGATGTGTTTCCATT

TTATCATTATATGATGACCTTGTCTTTTTTTGACAGTTTTTGACTTAGTCTATTTTGTCT 66226 AATATAAGTATAGCCACCCCTGCTCTATTTTGATTGCTATTTTGCATGAAAAATTGCTATGA AATAGCATGATTGCTATTTATGCAAATAGCAATCAAAATAGAGCTGAAGACTCTATTTTG AAAGTCTTCAGACTCTTTAAGAACACATATAGAATACTTTCACTTCAGCTTTAACAATGC ATATAGAATACTTTAAATTAAAATCTTTAAATTAGAGTCTCTTATGGGTAGCATAATTTT [G,T]

AATCTTGTTGTTTAATCCATTCAGCCACTCTGTCTTTTGACTGGAGAATTTAATGTTCCA TTTGAAGTAATTATTGATAGGTAAGGGCTTACTAGAGCTATTTTATTGTTTTCTGTTTTG TTTAGTGATATTCTTTGATTCTTTTCTCTTTATCCTTTGTGTATCTATTACATGATTTTT CTTTGTGATTACTCTGAGGCTTACATAAAACACCTTCTAGTTGAAACAGTCTATTTTAAG

69242 TGGGCATCCCAAATTGCCGGGATTACAGATGTGAGCTACTGTGCCTGGCCTGTTTCCTTA TTTTTGTTCTCCACCCAGGTACTCTAATCTCTCACTTGGATTCCTTAGCTGTTGTGAAGG TATTTTCAAGTGTGGGCAATTGTTCAAGCTGATATTTCTGTGAGGAAAGAGCAGTAGAAA AACTICTACCATTAGAATTATTTGAAAACTTAGAGCCTTGTTAGAGAGTCTGGCCTAGTTG [T,C]

ATCCTTTACCTCACTGTGTATAGGCGTTTCAGTATCCATAGTTCTCTTGGTCATTAACTA TTAAAGAGGCAGGAGCTCTCTCTGTCTTCCAGGCTGGAGTGCAATGGTGCAGTCCTAGCT CACTTCACTGTAGCGTCAAATTTCTCTGCTCAAACGATCCTCCTGACTCAGCCTTCTGAG

ATAGAAAACCTGTTTCAAATGGCTAGTTAATTATCAACATTTAAAAAAATAGTATAGTGGG 71663 CATTTAGCATGTTTTCAGAAAAGATTTTAGTGCATAAAGTTAAAATTTCCAAATCACACT TGCCTAGTTATATTTAAGTTTGCAAGAAAGGTGCTAGGATGGAAATATTGCCAGTGAAAA GTAATGTTTCCTTCTTTTGGAGCTTCTGAATGGTGATTACAGTGACATTAAGGTCAAATG [T,C]

GTTTTCTTTACAGCATGAATCCTTACAATCTAGGAATATGCTAATATTCATTGTGAAATT CCAATTTTCTTATCCAGAGATAACAGCTGTTAACATTTTGTTATAGTTCCTGTAAGATTT TAGAGATGGAGTCTCACTCTGTCGCCTATGCTGGAGTGCAGCAGCACGATCTCAGCTTAC TGCAGCCTTCACCTACCAGGTTCAAGTGATTCTCCTGCCTCAGCCTCCCAAGTAGCTTAG

FIGURE 3QQQQQ

72277

GCCACCATGCCTGGCTGATTTTTTTTTTTTTTTTTAGAGATGAGGTTTTACCAT GTTGGCCAGGCTGGTCTCGAACTCCTGACCTCAGGTGATCTACTCTCTTCAGTCTCCTGG AGTACTGGGATTACGGGTGTGAACCACAGCGCCTAGCCGTCTTTGTATATTTTAATGTAG TTAATCTTAAGATATATGTAGTTTTATATTCTGCTTTTTTCACTTAAAATTATGTAGTAA ACATTTTACATTAGAATTTGTTGGCAAAACTTTTTAAATGACTACACCAAAGACTTTTAT [A,G]

TGGATAAACTGTAATTGGTTGATCCTTCTTTAGTCTCAAATATTTAGGCTTTTGTCTATT
TTTCCATACCATTGTTATAAAGATATTTGTGTGTAAATCTTTGCATTTATGATTTTTAGA
AATAAAAGTATAAGACTAAAATGTATTATTTTTAAAGCTTGTGACAAAATATCAAGCTTTT
GTTTTCAGAAAGGTTATTCTAATTTATGATATATGACAAAAATTTAAAAATTATAACAACC
TTAAGCAGGAACTCAATTTTCACTTTGGTTATTTTCTTTTTACTTTTCACTAGAGTTTAT

73914

84040

ACACATATTTGATATAGTGTATTTTCATTTCCATTTAGTTCAGCATATTTTAGAATTTCC CTTGGTACATCTTTAAATTATCACAGTCTACCTTTAAGTGTATTATACCATGTGTACAG TATAAGAACCTTAGAACAATATATTTCTATTGTTCCCCTCCTGGCCTTTGTGCTATTGTT GTCATATGTTTACTTTTGCATATATTGTAAACTTCAAAACATACTGTCATCAGTTTTGCA CTAAACAGAGTATTTTCTTTTGAAGAGTTTAAATATTAAGGAAAAGTGATATTTATATGT

89030

93320

101668

TTCAGTCTTGCTCAGAGTTGTCCAATCTTCTGGCTTCTCTTGTCCACATTGGAAGAATTA
TCGTCTCGGGCCACACATAAAATATACTAACACGGGCTCCGAGCAAGATGGCAGCCTCCG
AGCCGGTTAGGCTACAGCTTCAATATGATTACCCACTGCCAGCTACCCTGCACTGTACGG
CCTTCCTGGCTTCTGGTTGACTTGAACAGGCGCCGAGTTGTCACAGATCTCATTAGTCTC
ATCCGCCAGCGATTTGGCTTCCGTTCTGGGGGGCCCTCCGAGGCCTCTACCTGGAGCAGGG
[G,T]

TTCCTGCCCCCACCGAGAGCGCATGCCTGATGAGAGACAATGACTGCCTCAGAGTTAAA
TTAGAAGAGAGAGAGTTGCTGAGAATTCTGTAGTCATCAGTAATGGTGACAGTACTCAT
TTATCACTTAGAAAAGCAATGAAGTGGGCATTTAAGTTAGAGGAGGATGAAGAAACTAAC

### FIGURE 3RRRRR

10/506549

### 103856

#### 105833

ATGITTTTTATTTTTTTTTAGTTCTCTGTTTGTCCTGGCAAAACTTATATTTTGAAAATG
TTCTATTTTTCAGGTATCCTGGTCAGATATAGGAGGACTGGAAAGTATCAAACTGAAGTT
GGAACAGGCTGTGGAATGGCCCCTTAAAACATCCAGAGTCTTTCATTCGAATGGGTATTCA
GCCACCTAAAGGAGTTCTTCTCTATGGGCCACCTGGGTGCTCTAAAACAATGATAGCAAA
GGCTTTGGCCAATGAGAGTGGACTGAATTTTCTAGCTATAAAGGTAGGATGTTAAATTTT

#### 105955

TAAACAGITATTIATATGAGACITACAAGCAGAATTITTITTITTITTAGTATTITTACA
ATATGCAGITCACATTITATGTACTCCTAATTIACTTCTTGTTATTCTTGGAATTITTA
AAGGATTITCCTGATTCTTAAATGGTTCTATTCTTTTTTTGCAGTTCTTCTGTTAATGATA
TGTTTTTATTTTTTTTAGTTCTCTGTTTGTCCTGGCAAAACTTATATTTGGAAAATGT
TCTATTTTTCAGGTATCCTGGTCAGATATAGGAGGACTGGAAAGTATCAAACTGAAGTTG
[G,C]

#### 107551

CATATTTTTTATTTTCTGGAAGATATTGGAGAGTAAAGATGGGGGAGAGACCATTTACA
GCATGATCACTTATGGGGAATCACAACTACAGTTTTAAAGGTTTCAGGTTTATTTGTTAT
TTTTTTGAGACATGGTCTCACTCTGTGGCCTAGGCTGAAGTATAGTGGTGTGATTATAGC
TCACTGTAACCTCAAATTCCTGGGCTCAAGCTATTCTTCTGCCTCAGCCTCCTGAGCAGC
TAGGACTACAGGTGTGAGCCATCACACCAGCTAACTTTTTAACATTTTTGTAGAGACAGG
[G,T]

TCTCACTGTGTTGCCCAGGCTGGTCTCAAACTCCTGGCCTCAAGCAGCCCTCCCACCTTA
CCCTCCCAAAGTGCTGGGATTATAGGAGTGAGCTGCTGCAACACAGCAAAGGTTGCGGTT
TTAAGGGTTGAAGTAATGAGTGATTTTGTCACTTCCCAGGACAACTTGATTTCTCCTTGG
TCCTTGTCCTTTTATCATGTGGTAATGGGGATGGCTGTGTTTACTGGCATTTTCTAGTCT
TTTTACTCTCATCTCCATTTTTTCTGTTCTTACCTTGTATATTCTACAATTGTATATTCA

#### 119296

GGAGTTTCGCTCTTGTTGTCTAGGCTGGAGTGCAATGGCGTGATCTCGGCTCACAGCAAC
TGCTGCCTCCCAGGTTCAAGCGATTCTCCTGCCTGAGTCTCCCAAGCTTGGATTACAGGC
ATGTGCTACTACTCCCAGCTAATTTTGTATTTTTTAGTAGAGATGTGGTTTCTCCATGTTG
GTCAGGCTGGTCTTGAACTCCTGACCTTAGGTGATCCGCCCACCTCAGCCTCCCAAAGTG
CTGGGATTACAGGCGTGATCCACCTGCATCTGGCCTGAAACAGTTTTTTCAAAAAGATTAAT

#### 119555

TIGGGTTTTTTTGTTTGTTTGTTTTTTTTTTTTTGAGACGGAGTTTCGCTCTTGTTG
TCTAGGCTGGAGTGCAATGGGGTGATCTCGGGCTCACAGCAACTGCTGCCTCCCAGGTTCA
AGCGATTCTCCTGCCTGAGTCTCCCAAGCTTGGATTACAGGCATGTGCTACTACTCCCAG
CTAATTTTGTATTTTTAGTAGAGATGTGGTTTCTCCATGTTGGTCAGGCTGGTCTTGAAC
TCCTGACCTTAGGTGATCCGGCCCACCTCAGCCTCCCAAAGTGCTGGGATTACAGGCGTGA
[T,A]

CCACTGCATCTGGCCTGAAACAGTTTTTCAAAAAGATTAATCATCTTGGGTTAATAGAAA

AAAATCAGGCAGAAAGATAAAACTACTTCTGTCATTACTTAAGGATTCCTGTGTTTATGC TATTAGGTATCTCCCTCATCTTAATTGAATATGATGCAAGGCAGTGTCCTTGGTGGAAGC TGGATTCTGTCAGTCTGAACTTTGAGATGTTCTTCCTATCCCTTTCTTATTTTTGCTCTT AACTTTTCTACCCTGATTCTCATATCTTCTAACCTACTCGTCTGTTACCATATTATCATA

121866 TCTGGTGAAGCTTTCCTGGGCATTTTTGTGCTAAAGCTTTTGCTCACTTTCTCAAAACAC
TTGCAGTCAGCAGATATTATTATTCTTTGGAAAGTCAACAGGCAAAATATCTTGAGCATT
CAGAAAAACTGTTGCCATGACCTTTGCTCTTGACCAGTCCATGTTTGCTTTGACTGGACCT
ACTTCTATCTCTTGGTAGCCATTGCTTTGATTGTGCTTTGACAGATCTGTAGAGCCT
GTGTTTCATTTCCTGTTACAGTTCTTTGAAGCAGTACGTCAAAATCTTGATCCCACTTGT

122895 AGCTTGTAAGCTTATTTAGTGCACTTTAAAATTTCCAATATTATATCTTTTAGCTGTAGA
AGCTTCATTTGGTTCTTTTTATGTTTTCCTCTATAATTTTAATGTTTTCCTT
AAAATTCTTTTTTGTCTTCTTTTTTTTAAAAATTTCTTTTGCCCAGGTCAATAACTGC
ATAGTGTTTTCCTGAAAATTTTTGAAAAATATTACGATACCTGTTTTTAAGATCTTGTTT
GCCAATTTTATCACTTCTTTTATTTCTATATCTATTTGTATTGAACTTTTTTCTCCAAT
[G,A]

TTTTTATATTTIGGATCAAGTTTTTIGTTTATTTICTTTAAGATCTCTAAACTTTACAGAAAA
TTTGCAAGAACAGTCACAAACATTTTTTTTCTTCAACCATTTGAATTTAGTTGCTGCCATA
TGCCCCATCACAGCTGAATACTTCAGTGCGTATTTCTACAAAAAGCAAATTCTCTTTACAT
AACCACAGTGTAACCATAAAATTAGAAATGAGCATTATTATTGTCACTCAAGTTTTGTCA
GGGGTCCCAATAATTTCCTTTATGACAAAATAAGTTAGTCCAGAATCATGTGTTGCATTT

GTCTCAGCACAGATAGGATAGTTCCTCTACTGCACTGGGCGGGGCTTAGACTGGGTCTCC
TCAGGATATGTTGTGGGATAGAGGCTGGTGAGCATGTCGGGGAGGATCAGAGTCCCAGGC
CATGAGATTTTGTGTGAATCTCCCCCCTGGTTTCTTGTGTAAGCAACTATAAGCTGGGACCT
CAGCTAGGGAGGCCTGGAGCAGTGTCACAGTTCAACTTCCAGGTTCACTACTGAGACCAG
TTATCAGTGGGCTGATGAGCTTTTCTGCCAAGGCATTAGTGTGCATGATTTCTCTGAACC

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[-,A]
CACACACACACACACACACTCAGAACTGTTCATAAGTATGTTTTTTTCCTCTACAAATGTA
TAGCGGTCCTTTAATATGTTCTACAAGTGGTTCATGTTGGGTAATGTAAATTCATGTACT
TTGTGCATAGCTTCTTGATGTGTATATTGATTATAAAATTTTTGCTGGTGGTAATTACAG
TGAAGGGTGAAGACAACTTACAGGTGTCAGTAGTAAGTGTGATATGAAACATTGCTGTTA
TCATCCTTCTTAATTAGAGCTGCCTCATGTGATGAGAGTATAAATTGTCATTAGGAACCT

145778 GGGTAAGCACATTTTTTTTCTGAAACAGTTCAGTTAGTAAATGTAGTCTCTGTTACTGC
TATTCATCTCTGTTGCTATAGTACAAAAGCAGCATGGAAAATATATAATCAAATGCGAAA
ACAATTGGTTGGTCAGATTTGGTCTGTGCCTATAGTTTGCCTACCCCAGTTTTAAGATAC
CGTAATATCCCTTTGATCTGTGGTCGTATATGTCTTTTGAATAGCAATAATTTTGGAAAGG
GGGCTTGACTTTTGAAAAGGAAAAGAAAGTTAATGCTTTTGGGAATGTCTGGCTTATATATT
[A,G]
GCTGTACATTTTCCCCTATTGTGTTCCCTATGTCTAGCAGATAATAAAGTCTTATGAAAT

AAAAGGAAAGGCAAAACAGAATCTAAAACATTTAGATGTATTGTTGACATTTTTAATGAG

 [A,T]

TTTTTGTATTTTAGTAGAGATGGGGTTTCACCGTGTTAGCCAGGATGGTCTCGATCGCC CGCACCTGGCCAACCTTCTTGATACACTATCCCCTTTATTCCTTGGTTTCCTTT CTTCTTCTCTGATACCCGTAAAATTCATATATTGAAGCCCTAACCCCGAATGTGATGGTA TTTAGCGATGAAGCCTTTGGGAGATAATTAGGTTTAGATGAAGTCGTAAGGTTAGTTCCC

TTTAATATATATAGATCTGTAGTGATGTGTCCTCTGTCATATCTGATATTAGGAATTTAT 162146 GTCTTTTCTCTTTTTTCGTAGATAGCCTGGCTACAGGCTTATTGATTTTATTGATTCTC TGAAAGGACCAACTITTAGTTTCATTGTTTTTTTCTCTTTTGACTTCCTATTTTAGATTT CATTGATTTCTGCTCTAATTTTTATTATTTCTTTCGTTCTGCTTACTTTAGCTTGCTCTT CTAGTTGCTTAAGGTGAAAGCTTAGTATTGATTTTAGATCTTCTCTAATATATACTCTCA [A,G]

TACTATAAGTTTTGCTTTAAGTACTGCTTTCTCTGCATTGACAAATTTTGATAAGTTCTA TTTTCTTTGTATATTTATAGACAATAGAACTTTGATAAGTTTCTATTTATATATTATAGA TGTGTGTGTGTGTATATATATATAAAGAGAGAGAGACAGAGACAGAGACAGGGTCTTGCT CTGCTGTCCACACCTCAGTGCAGTGGTGTGATCACAGCTCACTAAGGCCTCAACCTCCCT

163621 TCTGTTCTTTAATTGGTGCATTTAGGCCGTTGATGTGTAAAGTGATTATTGATATAGTTG GATTAATATCTACGATATTTGTTACTGTTTTCTATTAGTCGCCTTTGTTCTTCATTCCCA TTTCTTCTTCTTCATGGCTTTAATTGAGCATTTTATGTTATTTTATTTTATCTCTTT [A,G]

TTTTGCAATATATTTCTACTTTCAAATAGCCCTATTCACTTCACAGGTAGTGCAAGTACC TTATAATAAAAAAAATTCCTAAGTTATCCTTCTCATGTCCCTTGTATCATTTTTGTCATT CATTTCACTTGTCCGTAAACTATAGGTATCAAATACATTGTTGTTATTTTGAACAAGCTT TTCTTAGATCAGTTAAAAGTAGGAAAAATTAAAGTTTTTATCTTCTTTATTTCTTCTTTC TCTTTCTTTATATAGATCAAAATTTCTGACCTATATTTTCTTCTTCTTCTGAAGAACTTTAA

164329 CCCTCGACATATGACTTCTTAAAGGTTTTTTTAAAAATCTTTGATTTTCTGCCTATGTGTA **CCTTTTGTTIGTTIGTTTGTTTTACATTTATTCTGCTCAGTGTTCACTGGACTTCCTG** GATGTGTATCTGACATTAATTTGGGGAAATTCTCAGTGAATGTTTCTTCAAATATTGGTT [C,A]

TCTTCTTTCTTTTGGTGTTGCTATTACACATGCTACACCTATTTGCTTCATAGTTCT TTTCATAAAGTTTTCCTTATCCTTGCTTTTCAGTTTTGGAAGTTTGTATATACATATCCG TAAGTGCAGAGATTCTTTCCTCAGCTGTTTCCGGTTGACTAATGAGCCCCATCAGATGTAA TCTCTATTTCTGTTACAGTGTTTTTGATCTCTAGCATTTCTTTTTTATAGCATTTCTTTT

164414 AATTCTTGCTCTTCTGTAAGTAAGGTGGTCCCCACCCCTCGACATATGACTTCTTAAAGG ACAT T TATTCTGCTCAGTGTTCACTGGACTTCCTGGATGTGTATCTGACATTAATTTGGG TATTACACATGCTACACCTATTTGCTTCATAGTTCTTAGATATTTTGTTCTGTGTGGTTT [T,-]

ÄTTATTTTTTTTTAAATCTAGTCCAGTATTTTGTTTTCATAAAGTTTTCCTTATCCTTG CTTTTCAGTTTTGGAAGTTTGTATATACATATCCGTAAGTGCAGAGATTCTTTCCTCAGC TGTTTCCGGTTGACTAATGAGCCCATCAGATGTAATCTCTATTTCTGTTACAGTGTTTTT GATCTCTAGCATTTCTTTTTATAGCATTTCTTTTTGATTCTTGCTTAGAATTTCCATCA CTCTGCTTACATTACTCATCTTTTCTTACTTGTTGTCTACTTTGTCCATTAGAATCCTTA

164418 CTTGCTCTTCTGTAAGTAAGGTGGTCCCCACCCCTCGACATATGACTTCTTAAAGGTTTT TTATTCTGCTCAGTGTTCACTGGACTTCCTGGATGTGTATCTGACATTAATTTGGGGAAA ACACATGCTACACCTATTTGCTTCATAGTTCTTAGATATTTTGTTCTGTGTGGTTTTATT [A,-]

TTTTTTTTTAAATCTAGTCCAGTATTTTGTTTTCATAAAGTTTTCCTTATCCTTGCTTT TCAGTTTTGGAAGTTTGTATATACATATCCGTAAGTGCAGAGATTCTTTCCTCAGCTGTT TCCGGTTGACTAATGAGCCCATCAGATGTAATCTCTATTTCTGTTACAGTGTTTTTGATC TCTAGCATTTCTTTTTATAGCATTTCTTTTTGATTCTTGCTTAGAATTTCCATCACTCT **GCTTACATTACTCATCTTTTCTTACTTGTTGTCTACTTTGTCCATTAGAATCCTTAACAT** 

165385 GGAAAGGCTAGAGAGGGCTGAAGTTGGGTATTTCTCTTCCTCTGGGTCAGTTGGTGTCTA

ATAMACCTCAATAACATAAGCTCTGGGAAAAAATATTTTCTCTTGAGGAGCAGGCCTTT
TTAAGAAGAGAATGCTCTAGTGTATTTCACAATGGGTACTTTTCCCTTCCTCCTGCCAGAA
GCACAGGGTAATTTTTCTCAGATCTTCACTGTGAGAAGCTGGTGTAGTTGCTGAAGATAA
AACTCACAAATGTGTGAGGGACCCCGCTCTATGACTCTCAGACTTGTCAAACACTGAACC
[C,T]

169409 ACTCTTCAATATCTACTCCCCCAATCTTGTATCTTACCTTTAGCATATTTCTCTAGAGAAT
TGAAGTTTTGAAATTCTTTGTTTCATCTAATTTATTCTTCCAGAGTTTTCAACATTTTCA
TCTATACGAAGGTACATTCTAGCTATTTAGCAAGTACTAGTTAGACTCCAGTTGCCCATCA
ACACCAAGAACTTTGAAGAAGTACTGTCCTAATTGTTGTTTTTAAAGTAATTAAGAATAAAA
ATAATGGATTATTCTATTTTTTTAAGAAGTTAGTCAGCCTGTCACATTAAATTAAGTAGT
[A,G]

TAGGTGCAAAACCAGTCTTTTTAAACTATTACTACCACTTTTTCCCTAGGTCATAATTTA
ATAAAGGAGTTCAGTAATTTAAGTTCCTCATCTATATCTAATATGTAATATTTATAAGG
ATTTAAGTTGAGTAAACATTTGCTCTCAGAGCGTGAACCAGTTTCTCTTTTTTGTTGTTG
CTGGCATTATTGCCTTGTGTATGACTTTATGAGCTACTTTCTTCCTGTGTACATATACAC
ATTCTTTCAGTTTTAAAAGATGTGATTTTTAAAAAAGACCCCTTTGAATGTAACTATTAT

TTTTAAACTATTACTACCACTTTTTCCCTAGGTCATAATTTAATAAAGGAGTTCAGTAAT
TTAAGTTCCTCATCTATATCTAATATGTAATATTTATAAGGATTTAAGTTGAGTAAACA
TTTGCTCTCAGAGCGTGAACCAGTTTCTCTTTTTTTTGTTGTTGCTGGCATTATTGCCTTGT
GTATGACTTTATGAGCTACTTTCTTCCTGTGTACATATACACATTCTTTCAGTTTTAAAA
GATGTGATTTTTAAAAAAGACCCCTTTGAATGTAACTATTATGTGGCAAGAAAGCCTTGC

GTAATTTAAGTTCCTCATCTATATCTAATATGTAATATTTTATAAGGATTTAAGTTGAGT
AAACATTTGCTCTCAGAGCGTGAACCAGTTTCTCTTTTTTTGTTGCTGCTGGCATTATTGC
CTTGTGTATGACTTTATGAGCTACTTTCTTCCTGTGTACATATACACATTCTTCAGTTT
TAAAAGATGTGATTTTTAAAAAAGACCCCTTTGAATGTAACTATTATGTGGCAAGAAAGC
CTTGCTTTGGTTAGGTATTTTTGCTATGTGATAAAGATCCTTTGGTAAAATTCAGGAAAGC

169833 TAAGTTGAGTAAACATTTGCTCTCAGAGGGTGAACCAGTTTCTCTTTTTTGTTGTTGCTG
GCATTATTGCCTTGTGTATGACTTTATGAGCTACTTTCTTCCTGTGTACATATACACATT
CTTTCAGTTTTAAAAGATGTGATTTTTAAAAAAGACCCCTTTGAATGTAACTATTATGTG
GCAAGAAAGCCTTGCTTTGGTTAGGTATTTTTGCTATGTGATAAAGATCCTTTGGTAAAAT
TCAGGAAAGCCTTTGGACCTTAAAAAAATCATTCCCTTCCTGATGCAGTATTTTATTAGAAG
[A,G]

TAGGTGAGTTCTGAGTATTTATAGAATCTGGGTTGGTGTAAGGCATCTCTGAAGTCTAT
ACAAAGTATAAGACTGTATCTTAACAAGGACTGTAGAAACTGCTGAAAGAGCCCTTAAAG
TTTACCTAATTCTGCCTCTGGTTTCACAAATAAAGGGTGCTGAATCCAGAAAAATCTTTC
TCCTGGTAAGAATTCATTGTATTTTTATGATATTTTATTTCCTGGTTTCCCTGTGGTTAAT
AAGCTCTAAAATGTCTTAAGGATTTTTTGTCACTACGGCTTAATCTAATAGTAGCCTTCTTT

FIGURE 3WWWWW

174593 ATTCTGTGAATATCTTTGAATTCAGTTTATTTGGGTACTTTTAGTACGGATACCTACTAT
ATAACAAGCTCCTAATAAGAACTATTAAATTATAAGCATTATCCCTAGCGTATAAACCTA
GTTTTCTTGTAGTAGGAAAATTTGAAGGACTTCAAAAATTTTACTTTAAGCCATCTATGGA
AAAGATTGCCCAATTGAGAAAAATTGTGAAGGATATGTAGAAGTCTTAAATAATTTTGGT
TTCAGGATTATTTTCTATTGTTGTGTTAGACTCATGGAGGTAGTAAATTTGGCATTAATTT
[T,C]

CCTTACAGTTTTTCTGGAAGAGGAAATATGCTTAATGAGCTAAATAAGACATAACATTTT
GTTTTCTTACATTGTTGCAAATTGAAGTTGGGTTTTGTTGTTGTTTTTGAGATGCA
GGTCTGGCTGTGTTGCCAGGCTGAAGTGCAGTGTCTATTCACAGATCATTAAGTTGTGCA
GCCTTAAACCTTTGGACTCAAGCAATCTCCTGCCTCAGCCTCCCAAGTAGCTAAGATTAT
AGGTGTGCACCACAGCATCCAGCTTAAAATTTAGTTTTCTAGAAAGTTTTATGACATGGG

CAAAAATATTAACTTTTATGGAATACCTTTATTTTCCCCTATGAACTTGAGAAAAATGAG TTTTTATTAGAGGCTGTAGTATAACACTAACTAAAATGTAGTTTGGAAAGTTTTATTGAG 10/506549

205541 CTCTTCAGTTGGTAAGCTGATAGAATTGTATTACTGTTTAGCCCACGGAAGGTAAACAGTT
TTTTTTAATAAATTTAAATAAAAGGAATTAATTTTTTTAGATCATGAAATGCTTTATTAT
TTGGTGTTTTTGATGGATGGCCACTTTACATAGAAATTTGTTTTTTCTGCCTCAGAAGCA
GTATTTCTGTTAAATTGCCCTGTTATTAATTAGGCTATTTTTTATTCAAAAATATTAACTT
TTATGGAATACCTTTATTTTCCCCCTATGAACTTGAGAAAAATGAGTTTTTATTAGAGGCT
[G,A]

TAGTATAACACTAACTAAAATGTAGTTTIGGAAAGTTTTATTGAGTTTTTCTTCCTTAACC
TTTTCTTTIGGCTGGCTGCAAACAACTAGTGATAATGTGTTTTTTAGATGTGCTTATTTTCA
CCTCTTCCTCCTGGAGGTTAAGCTAGTACTCATTAAGGAAAAAATACAGTTTATACTAAA
CAGTGTTTAACATATACTGATGGTATTACTGTATTTCCTGTTTTTGTGTTCACAATGAGAA
GATTCTGAAAAACTGTCTTTGTGTAAATACTTTACTGACATACCAGACAAGTATAATCTT

217543 AATCAGCACCAATATTTGAAGATTAAAACTTGATCCATCTGTCAGTTAGAATTTTGATTT
GGAAAAGCCGCAGGTAACAGTGTAAATTCTAGTTTTACAAATGTAGTAATAAAGAATATA
CTTCAGTGGCAATTTAAACTTCATATTAGTGAATTAAAGATACTCAGTAAGTTTCAGGGTA
TTAGATTGATAAAGCAATACCTGGATTAATGACTAGTCATTATGAGGTGTACTTTTATCT
TTCATTTAAGTCAAAAACTTATGTTGCATTACATGCTTTACAAAAATTGCCACATTATTAC
[A,G]

CTTCAGTTTCTTCATCTTGTAAATTACACAGGAGTCCTTCAGATAAAACTCACTG
GTTATATGACAAATTAAGCAATTAGATTACTGCACACCTAATAATAGTAGCAAATTAATGC
ACTTTCAATCTGCTAATATGTTAAGCACTTTTCATTATCTCTTCCTTTTACATAAGGGGA
ATCTGAAGTTTAGGGAATTTAAAACCTTCCACAAAGTTAGTAGTCAGTAGTTTATATACTA
GTATTAAATCTGTTTAAATCCAAAGCCGGTGACATTAACAGTTTCCAAACGATAATAACA

**FIGURE 3YYYYY** 

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- 224830 AATATTTTTATTCTTTCAGATCACAAGGGGTGGATGCCAAACCTCTCATTTTTTTCCTCA
  TGATTACACTACAAGGCAAAGCGCACAGGGTTTGAGTTCGTTGCAGTTGCTAGGGACATA
  CACCTAGGGACTACTACGGGCAACCTATGCTGTCACATTGTTCACAGTTATTTT
  CCGTGAGCAAAGATCTGTCCCAACAAATGCCCCATACTCCTTTCACTTCCAAGTTATTTT
  CTATCCTAAACAATTTTTCCTTCCTTTATACTGGAAACTCCAAGATCTATAACATTTTAT
  [C,G]

231789 TAAGCACAATAAAACCACAGTAGGGCATATCCTAATGAAACTGTTGAAAACCAGTGATAA
AAAGAAAACTTTAAAAGCAGTCAAATGGAAAAAAGAAAAACCACACATTAAATAC
AAAGGAAAAAAAGTAATAATTGTCATTAAACTTCTTGGCAGAAACAGTGCAAACCAGGAGG
CAGTGGAATGCTGTCTTTAGAGGTTCTTAAAGAAAAAACTGTTAATCTAGAATTCCCTTTC
AAGCAAAAAATATCCCTTAACATATGAAAGTGTAGTAAAGACATTTGTCTTTCAAAGACTT
[T,C]

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GAÁGTTTGAACCAGGGGTAGAATACTGAAACAAACATGTTAAAAGATGGGGTCTAGGCTT
CACATTACGTACGTAACCCTTCAAGGGCCTATTCTCTATGCTGTAGCTTTTCAATTAATG
TCAATAATAGAATTCTTAGTACAAAATTCCTAGATACCTAGTCACCATTTTTAAACATTA
GCTTGTCAGGAAAATGTGCCAAAAAGTTCCAAAACATGAAATTACAAATAAAAACTTAGA
AAATAATCCCTTTAGCAATTGGGAACTGCCTCAGTACCTACTCAGATTGGAAACCCTCAA

239457 TATACCICATCCAGCAGGGTGACTAAGTGATAATTACACTAAGTCTTGGGGAAGAA
AGGATGCTATTTCAGGAGGTGGAGGAGGAGAATAGGTAGTTATTCCATATGGAAATAATA
CTCTAGGCAAGGGATACAGACATGAAAGCAAGGAATGTATTTGAAGGATGGTATCTTCTA
ATTGCATAGTTCAAAATTCTAAATAGGAGGTCAGTGGCCTAATAGAGCTAGGCAAGGAAGT
TGAAATCACATTATGGAAAAGTTTAGAATTTAGTAGGCAGTAGAGAGACGTAATTTCTGA
[A,G]

239491 TAATTACACTAAGTCTTGGGGAAGAAAGGATGCTATTTCAGGAGGTGGAGGAGAAGAATA
GGTAGTTATTCCATATTGGAAATAATACTCTAGGCAAGGATACAGACATGAAAGCAAGGA
ATGTATTTGAAGGATGGTATCTTCTAATTGCATAGTTCAAAATTCTAAATAGGAGGTCAG
TGGCTAATAGAGCTAGGCAAGGAAGTTGAAATCACATTATTGGAAAAGTTTAGAATTTAGT
AGGCAGTAGAGAAGGTAATTTCTGAATAGAAAAAAAATACTGTCATGAGATTTACAAAG
[A,G]

FIGURE 3AAAAAA

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AATTATTTCATGTGTGTAACTTACTTTCCCAATAGAAATTTAAGTCTTTGAAGAGAGAA ACTGTATTATTGGATATTTTTTGTTTTTGAGACAGAGTCTCGCCCCTGTCACCCAGGCTGG [C,G,T,A]

GTGCÁGTGACACGATCTCGGCTCACTACAACCTCCGCCTCTTGGGTTCAAGTGATTCTCC
TGCCTCAGCCTCCTGAGTAGCTGGGATTCCAGGCACCTGCCACCACGCCCAGCTAATTTT
TTATTTTTGTATTTTTAGTAGAGATGGGGTTTCACCATGTTGGCCAGGCTTTTATATCCC
CCACTATGTCTAGCAAAAAATGTAATTGTATAATTATCTAATTAAGATTTATTGAAATGC
TTTAAGTTTTTAGATTCTAATTGAAGTCTCTATGCCAATACTTTATTACTTTTTTTGGTT

GTAGAAACĀGAGTTAGGGTTCGTTTTTGGAGGTTCTAACAATTGTAATATTTTTAGTAGTT
ACAAGTAGAGCTCTGTCATTCCCATCATCTAATTATAATGTGCAAAGACTGATTGCATGT
ACTCTTTGACTACAGTTCTTGGCACTAATAACCCTAAACAAAGCTGGAGGGGCTAATTAC
CTCCTTTTCCTAATCTGAATTTTGATGTGCTTTTTGAACTAGTAAGTCTTCTGGCATTCTA
AGAAGACTTACCCCCATCACTGGGGGAGACATTTACTTCAGCATTCAGAAAACTAGATTTTT

249117 GATTICAACCACACTGGCAGGTGTGCCCAGCTCTGCCCTTTGCTAGCTGTGTGACCCCTAA
AAATGTTACTTAGCCTCTTTGTATTTCAGTTTCCATGTCTGGAACACGGAAGTAATACTG
ATGCCTCCCTTGTAGATTTTTGTAACAATTAAAGCAGTTAATGCTTATAAAAGTTCTCAG
AACACCCTGGCACATAGTAAGTCTGTTGTTATAAAATATTTTCAACATTATGACTGTTTTT
GTCAGGATGGGTTTTTTTAAAGCAATGCATAAAAGTACTATAAATATATCATTTGTTCTAT
[A,G]

250289 AACAAAGTAAGATGTGTCAGCATTCATCCTAACACTTTATAAAAATTGTTATAGCCCCT
ATGGGCAGCATACACAAGATAAGTTAAATAATGTAGTAGTTGAGACCATGAGAAGGAGT
TTTGTCTGTCTATTTAATAGTCTTTGCATGATAAATTAGCCTTCCTAGCTTTGAAGGCTTC
ATTAGTCTTAATTATCCAGAAAGCATAAACTTAGCCATCAAAGTGTATCCCTAATAACGT
TTTACATCTTTAGTGAAATGTTGCCTCTTTAATCTGTACCTAAACCAATTTCACTATCTT
[C.T]

251073 CTTAAATAGGTTAATAATTGTCAAAGATATTGAAATGGTAGTCAAAGCCCTCCCCCAAAAA CTAAACACAAACACTTGAATAAACAGACACACTTTCCTAAGCCAAATAGATTTTATAGGA CATTGTTACCAGATTTTTCAGGGGGTTGTAACTCCTGTCTCATATGGATGCTTTAAAAATAA AAAAAGCCAGGATACTATCTGGCTAATTTTGCAAGGCTTGTACAACCCCTAATTCCAAAA GATAGCACAAGAACAGAAAAGGTATAGGTCCACCACACTTATCATTACAAGTGTGGGAATT [C,T]

252314 TAACCTAACAAAAATTATAATAGCTTTATGGAACAAATTACAGAACTTTACTAAAGGAC

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GTANATGANAACTTIGGTTANATGANGAGCTATANCATGTCTATTIGGTIGGGGCACATANCA 10/506549 GGGAGCCTCAGTTAACTGACTCTGATGTAGAAAAAGTTTCTTAGATAGCTAAGTCTATTT TGAAATGTATCAGGAAGAGGGATGATTTTTTTCAACCACATTTTAATCCATATTTGTAAA

GTAATATGGAACTGGCATAGAAACAGATGATTACACTAATGAAACAGAAGAGACAGGTCA AAAACAGAACCATGGTGGGGAAAAGGAATGTTGCTTAGTAGGTTCTTGAAGACTGGTTTA CAAAATTTTAAAAATAAAGTTGGGCCCCCTACTTCACATCACATACCATGTGAACTCCACA GAGAACAAGGACTTAAAAGTGACAGGTATAACCACAGAGCTAATAGAAGAAAATGTAAGA 

253696

CGTGTACATATTCTATTGAAACACATTTCAGCTTGATAATGTTGTGTATCCCAGGATGTT TACTGTGGAAGTGTTTCTGGTAGTGTGGGGTTGAGGACAACTTAAGTGTCCATCACTATG AGAATGGTCAAGTAAAATGCAACGGATGCATCCTGTGGAACGTTCTGTAACAGAGCAATA AAATAAATGTTCAGGCAATGCCCTCCAGCCAGAGACTCCTGGGAACATACACCTGGAGTG GAACAAGTTGGGTTTATTCCTCCTTGTATGGAGGGGTAATGCACACCTTGCAGAACTGGG [A,G]

GTGTCTTAGCAAGAGGATGTTAGGAGGGAATTATAAGAGCTGAGCTTGTATGAGATGATA TGGGGGAGAGCTTAAGAAAGTGGGCATTGTACTGGATTGCTTACTTTCAGGAGGCAGAGA CAACGCCATGATTGATTATCTTAATTAAATCATCTGTAAGGAGGGAAGAATTGAGTGAAG CTAATGGTGTAGTTGGTGAAGAAGCAGTCACTCTTACTAGCTGGAACTGGGAATATATGT TTATTTTGTGGCTTGGAGAGTGTTCATATTTTGTCCATACCTGAATATGCAGCGGTCTTG

253831

CAATGCCCTCCAGCCAGAGACTCCTGGGAACATACACCTGGAGTGGAACAAGTTGGGTTT ATTCCTCCTTGTATGGAGGGGTAATGCACACCTTGCAGAACTGGGAGTGTCTTAGCAAGA **GGATGTTAGGAGGGAATTATAAGAGCTGAGCTTGTATGAGATGATATGGGGGAGAGCTTA** AGAAAGTGGGCATTGTACTGGATTGCTTACTTTCAGGAGGCAGAGACAACGCCATGATTG [A,G]

TTATCTTAATTAAATCATCTGTAAGGAGGGAAGAATTGAGTGAAGCTAATGGTGTAGTTG GTGAAGAAGCAGTCACTCTTACTAGCTGGAACTGGGAATATATGTTTATTTTGTGGCTTG GAGAGTGTTCATATTTTGTCCATACCTGAATATGCAGCGGTCTTGTTTTTGTCTTGATCT GTTACTGTCACAGAGTGGCCTCGTCTAATGTTGCTGTTCTGTGAAATTGTTCATGTTCAA CAGAATACCAAGTGAGTCTCAGACCAGCTCATGATAACATAAAGGCCATGCTAGTAATAC

253888

AGGCAATGCCCTCCAGCCAGAGACTCCTGGGAACATACACCTGGAGTGGAACAAGTTGGG TTTATTCCTCCTTGTATGGAGGGGTAATGCACACCTTGCAGAACTGGGAGTGTCTTAGCA AGAGGATGTTAGGAGGGAATTATAAGAGCTGAGCTTGTATGAGATGATATGGGGGAGAGC TTAAGAAAGTGGGCATTGTACTGGATTGCTTACTTTCAGGAGGCAGAGACAACGCCATGA TTGATTATCTTAATTAAATCATCTGTAAGGAGGGAAGAATTGAGTGAAGCTAATGGTGTA [G,A]

TTGGTGAAGAAGCAGTCACTCTTACTAGCTGGAACTGGGAATATATGTTTATTTTGTGGC TTGGAGAGTGTTCATATTTTGTCCATACCTGAATATGCAGCGGTCTTGTTTTTGTCTTGA TCTGTTACTGTCACAGAGTGGCCTCGTCTAATGTTGCTGTTCTGTGAAATTGTTCATGTT CAACAGAATACCAAGTGAGTCTCAGACCAGCTCATGATAACATAAAGGCCATGCTAGTAA TACAATACCAGAGCAGCTCTCAAATATCCCTTCTGTTTTTTCAGTACTACAACAATACACA

253894

TGCCCTCCAGCCAGAGACTCCTGGGAACATACACCTGGAGTGGAACAAGTTGGGTTTATT CCTCCTTGTATGGAGGGGTAATGCACACCTTGCAGAACTGGGAGTGTCTTAGCAAGAGGA TGTTAGGAGGGAATTATAAGAGCTGAGCTTGTATGAGATGATATGGGGGGAGAGCTTAAGA ATCTTAATTAAATCATCTGTAAGGAGGGAAGAATTGAGTGAAGCTAATGGTGTAGTTGGT [G,A]

AAGAAGCAGTCACTCTTACTAGCTGGAACTGGGAATATATGTTTATTTTGTGGCTTGGAG AGTGTTCATATTTTGTCCATACCTGAATATGCAGCGGTCTTGTTTTTGTCTTGATCTGTT ACTGTCACAGAGTGGCCTCGTCTAATGTTGCTGTTCTGTGAAATTGTTCATGTTCAACAG AATACCAAGTGAGTCTCAGACCAGCTCATGATAACATAAAGGCCCATGCTAGTAATACAAT ACCAGAGCAGCTCTCAAATATCCCTTCTGTTTTTCAGTACTACAACAATACACAAGATCT

255016

AATAAAACATGCCCACCAGTGTAAAATGATAGCATTAATATTTTCTTGTGGGAACTTGATT TAGCTTTAAATGTACCCAAAAGCTTTCGAAGTACAAAAGCCCTCATATTAGCTCCAGAGA AACCAAGTTTATTATATCTTAAGGAAAAGATTTCTTCATGAACCTTAAATTTAGTGTCTG TGTAATCATGTTATTTTGTCATTTTACTTTTTAACTGTAGAAAAGAGCTTGATTTGATTTT TTTTTTTTTTTTGAGACGGAGTCTTACTCTGTCACCAGGCTGGAGTGCAGTGGCACG [G,A]

TCTCGGCTCACTGCAGCCTCCGCCTCCCAGGTTCAAGCAATTCTCCTGCCTCAGCCTCCC GAGTAGCTGGGACTACAGGGGTGCACCACCATGCACAGCTAATTTTTGTATTTTAGTAG AGACGGGGTTTCACCGTGTTGGCTGGGATGGTCTCAATCTCTTGACCTTGTGATCCACCC AAAGTGCTCTGATTTGGGAGACCTTGGCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCC ACCGTGCTGGCCAGACCTTGATTTTTTTAGGAGTAAAGAGACTTCCTACCTCCACTCTAG

256221 GGCTATACTCTAGTGGTAAAGTCTGGGCTTTTAGTGTAACCATCACTGGAATACTGTACC
TTGAACCCATTAGGTAATTTCTCATCCCTTACCGGTCTCCTTCTCGCCATCTTTCCAAG
TCTCTGATGTCTGTTATTCCACTCTGTAGCCGACATTAATTTTTAAGGATAGTTACTCTT
TATATACTACTTCTGTAAATCCATAACAGATCCCCAGGTTTTTTCCTTGTCTATTAGGAA
CTGTTTAAAAAAATTTTGTTTAAGAAACAAATGTATCTCCATTCATATTCTTGAACAACAC
[T,C]

TCTAATTAATGAATTACTCAGAAATTTTGCTGATGAAAACATGTTATGAAATCTGTATAT TGTATAAGACCTTTGCTTCCCTGAGAGAAATCACTCCCATTGTTTCTTCAGGAACTTATT CTTTCAGACTTGCAGGTTTGAACTCTTGAAAATTTCTATGTGTTTTCTCTCTGAATATTGT AGAAATTCCATGTTTGTTCTATGTAGATAGGATTAAGATGGAACTGTGTTCTAAAAATTG GGTTGTTTTTTATAAATTGTCCAAAATTTACATTTTCCTAAAAAATATATTAAGAATGTTA

256464 TTTAAAAAATTTTGTTTAAGAAACAAATGTATCTCCATTCATATTCTTGAACAACACTTC
TAATTAATGAATTACTCAGAAATTTTGCTGATGAAAACATGTTATGAAAATCTGTATATTG
TATAAGACCTTTGCTTCCCTGAGAGAAATTTCTATGTGTTTTCTTCAGGAACTTATTCT
TTCAGACTTGCAGGTTTGAACTCTTGAAAATTTCTATGTGTTTTCTCTCTGAATATTGTAG
AAATTCCATGTTTGTTCTATGTAGATAGGATTAAGATGGAACTGTGTTCTAAAAATTTGGG
[T,C]

TIGTTTTTTATAAATTIGTCCAAATTTACATTTTCCTAAAAAATATATTAAGAATGTTAGCT TIGCAACCTCTTTTAAATCCATAATATIGCTGACATATTATCTTTIGCAATAAAGAATATTIGG AAAAACAATACTIGCTGCAAGTIGTACAAATIGGTATTTAATTCCACATIGCTCCTIGTIGCTTCC ATCAGTCCCTIGCACATAGGCTTCTCTACTCCTGATTCTAAAGCTCATTTACACTAAAAAG GTTATTGAAAGGTACTTGATCTIGTTTTTTGAGCTTAAGAAATAGAGCTAATTGGACAGTGTC

265178

AAATAGGTAGCAAATCCAGTCATTCAAAATTATAAATAACCACTAAAGGGAGAAGTCAAT
GCTCACTTTAGCTTGGTTTCTCACAGTTGTTCTTTATGGTGTGCATTTGTGTTACGGTAC
TCTCCGAAATAGCTCTTCACAGCTACTTTATGTATAAGCTCTTTGTCACATCTAATGGAA
CTTTTTTGAAGTTGTTTGCATCAACTTGAATCTTTAGTTGTTCCCTAAGTTCATTCTGGA
ATGGCTGAAACCACTTATAAAGAAGAAAGTATTAAGGGCATTGAGTTACCCAACGTATTA
[G,A]

### FIGURE 3DDDDDD

CAACCTCCGCCTCCTGGACTCAAGCGATTCTCGTGCCTCAGCTTCCTGAGTAGCTGGGAC
TACAGGTACCCACCACCACCACCCAGCTAATTTTTGTATTTTTGGTAGAGACAGGGTTTCA
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AGCAACCAGCTIGGAGTCACCGAGCATIGTAGCTIGCCCAGAGCCTCCCTCCCTACATCATIGTIG TIGTAGCTTIGTTCCATATTIGTIGAAGGGTTGTATATTGTATATGTIGCACACACACACACACACACACACACACACACACTTTGTCTTACTAAAGTGTTTTTTGTCTCCCCCTACGGTCTTTAACTGCCTGGTTTGAAGCCCTTCTCGAGACCACTACTCTTGTTTTGAAGGGATCTTGCCAGCCTCTCCCTAGAATTGCATCTCTGATTCTGTTTCTCCAGATACACACTTCTTAATTGAAGCTAGGACCTAC

276824 TGAAATTACCTTTGCTAAAATTGACCTGCAATGTATTTCTTAATATATTTTTCTGTTACTC
GTTATATAATGGAGTAAGATTGTGGTGGGAAGAAACAGACTCAGGAATGTGTTGACACTTT
GCAAGGTTTAGAATCTAGATGAGGCATGAACTTGAATTCTGGAGCCTTCTTGTGGTAGCCCT
GATTTAACATAGTTAAAGGCCAACATAAAATTAATACTGGCAGACTTGAGGCACAATAGT
ACTGGTGATGCTGTGAGTGAGTGGTAGAGGAAGGAGTGGTCTCTTGAGCCCCATTGATGAAG
[C,G]

CTGGCGGTCTGGGGAAGTGAATCTAAGTCCAAGTGTACAGAATTCATACTTAACCTCTTT GGAAAAGGGCAGACTCCTCCACATCAGAGCTACTCCTTGACCTCTGTGAGTTCCTGATAT TCTGGGTCAGTAAATAGATGATATAGATACAGATATAGACATAGTCATAGGCATAGACAT AGAGCCTGGTTAGGAGTATGAAGTAGATCCAAATCCTGATTTTTAAATATAAAATAATGT TAATTACATTATGCAAAATGATTTTTTATGCAGTATACATTTGGAAAATTTAATGACCCAC

FIGURE 3EEEEE

281343 CAGCCTCCTGAGTAGCTGGGATTACAGGTGGGCTCACCACGCCCAGCTAATTTTTGTAT
TTATTTATTTATTTGAGACGGAATCTTGCTCTGTCACCCAGGCTAGAGTCCAATGGCGCA
GTCTTGGCTCACTGCAACCTCCGCCTCCTGGGTTCAAGTGATTCTCCTGCCTCAGCCTCC
TGAGTAGCTGGGATTACAGGCACCCACCACCGTGTTGGCCAGGCTGGTCTTGAACTCCTG
ACCTCAGGTGATGCACCTGCCTCGGCCTCCTAAAGTGCTGGGATTATAAGCGTGAGCCAC
[A,G,T]
GCGCCCAGCCAGTTGTACCTTTTTTATTCCTGAGTAGTTACACTGCTTTATGGATGTACC
AGAGTTTAACCATTTATCTGTCTAAGGACATTTAGGTTGTTTCCAGTTTTTGGACTATTAT

GAATAAAGCTGCTGTGACCATCCACATACAAACTTTTATGTGAACATAAGTTTTCATTTC
TTTAGAATAAAGAGTACAATTGTTGAATCATATGATATATTAGTTTCCTGTTGCTGCTAT
AACAAATTACCACAGGCTGGAAGCTTAAACAACACAAATGTATCACAGTTGTATAGCTTA

283572
TAACACAAATGTTGACAATACAGTATAGTAACTATTTACATGGCATTTACATTGTGTTAG
CTATTACAAGCAATCTAGAGATGATTTTAAGTATAGGGAGGATATGCAGAGGTCATACGC

AAATAACTACACCATTTTATATAAAAAGGACTTGAGCATCTGTGGAATTTGGTATCCTGG
TGGGGGTTAGGGAGGGGATTGGAACCAATCCTCTGCAGATACCAAGACAACTGTATATAC
TTTGTAAAGCTTGTATAAGATGATACTCATAAAGCATTTAACAGATAATGTCTCAATAAG
[-,T]
GTTTTAATTGTTATATCATTACAACTATCACCATTATAATCTCAACAGGGAAAGCCTTTC
ATAATCACAGCTGATTAAAATACCTTTTTAGTATTCAGGCATCCCCTGCTTAACACTTAA
TATCCTAGGAAATCAGATGTCCTACTTGAAAATTCTAACCAGGAACCCATTCCCCCCAAAT
CCCCAACCAATTTCCTAAAAGCTAACTAAATGCAGTGAAATATTTTTAAAGTAATAAATT

ATAATTTGGGGATGTAAAATGCTTAAACAGTGGTTTCCTGATGACCTAACAAATCTAGCC

CATATCTTGGCTATTGTGAATAGTGCTACAATAAACATGGGAGTACAGATAGCTCTTTGA

CATTGTTTACAATTTGGGGTAAATGTCTAGATAAGTCATTTAAATTTTTTCACCTAAACT

294398 ATATAAAAACTTCAAGTACTCACCTTTTGTCCTATAAATTCTATTTTTAAAACTTTGTCC
TAGATAATAAGACAAATAATCCAAGATTGAATCTGCCTTAGAGAGTTGCTTTAAGGATTA
TTGCATATACACTATATCTACATAACAGAATGAGAAACTATTAAAATGGTGATACATATA

FIGURE 3GGGGGG

298090 CATGCCACCATGCCCAGCTAATTTTTTGTATTTTTAGTAGAGACGGGGTTTCACCATGTT
GGCCGGGATGGTCTCGATCTCTTGACCTTGTGGTCCACCTGCCCTCGGCCTCCCAAGGTGC
TGGGATTACAGGCGTGAGCCACTGCACCCGGCAGAAAATCTTAAATCTATACTATAGAGT
CTGACAAGAATTTGGGACCCAAAAGCAATATAATTCTATTACATATTTATCTTAACAAGT
AACATTTTAAAAAGTCCATGTAATTTATAGATTTATTTGCTTTCTCTAACAAGTAATGCTT
[C,T]

TAÁTAAAAATCTIGGGCCTIGGTIGGGTIGGCTCATGCCTIGTTATCCCAGCATTTTIGGGAGGC TIGAGGTIGGACGCATCACAAGATCAGGAGTTCCAGACCAGCCTIGGCCGATGTIGGTIGAAACC CTIGCCTCTACTAAAAATAGAAAAAAAAATTAGCTIGGGTIGGTIGGTIGGCACGCCTIGTAATC CCAGCTIGCTTIGGGAGGCTIGAGACAAAGGAAGTIGCTAGAACCCGGGGAGGCAGGGGTTIGCAG TIGAGCTIGAGATIGGCAGCACTTCCAGCCTAGGCAACAGAGCAAGACTCCAACTCAAA

TAAAATTATATTTIGTAGCTCATACTATATTTCTTTTGAACAACACTGATCTAAAGTGCTA
TIGTTTTTCATTIGTCCGTTTAAATGGATTATGATGTAATTAGACTAGAGATCTCATGGGTT
TTAGAACTAAAATGTTCTGGGGTCAGATGTGGCTTCTGGCTTTTACTTATTTIGTATTTCT
GGCCTCAGTTIGTACCCGAAAATAAATTTTTTGTTGGAAATACAGTTTGTCCTGAGCTAATA
GAGGAACATGATTTACCTTCAATTCTGGAGAGCTAGTAAAATAATTTAGAACACTATGTC

ČTÁGĂATTAACACATTITTAGAGGTGAAGAAAATGAGGCTAAGAGAAGCCAAGGGACTTGG CTAATAAATGTTACACACTTAGCAAATGGAAAATTCAGGATTTCAAACCAGATATGATTA ACATAAGCCATGTCTCCTCTTACTATTAACCATAACTGGTAGAACATATACATAACTTAA ATTTGATAGGTAAGCTGATTGGAGGCTATTTGTTGTGGTACGAATGTTTGAAAATTGCTG TCAGTCAGCAAGTATTTATCAAGCACATTAGATATTCCAGGCTGGAACTGGAATGGAATC

310153 CTGCAGTAGACTTGCTCAATGCAGGGTTGCCACAATTTACAATATAATACATTGTATTAT
AAAAAATACAATATCTGCAGAGCCCAGTAAAGCATAGTGCAATAAAATGAGGTGTGCTTG
TATTTATAGATGATATCTAAAGTCAAAGAATGGGTGGAACAGTGAAGACGAAGAAAAAGA
AGAAAGTTAAGTATAAGCTCTGAGGCACTTCAACTTTTAAATTTAGCCAGAGGGGGAGAA
GCCAGCAAGTAACAATGCATGAATAGGAATATCTAGAGAAATAAGAGGTATAATGTGGAG
[T,C]

GTCAGAAGCCAAAAGCGAAGTGTGTTAAGAACAAAAGTGTAGTTCATCTTTTCCAATCCT
GCTGAAAATTAGGGCAAGATACAGACAGAAAAGGCATTTCTTAAAATTTTAACAACCTGG
AATTCATTCATGATTTTAACAAGAATCATTTTGGTGGAGTGAGAGGGACAGATTTGAGTC
AGCTGAGAAAAGTGTGACAAATGAGGAACCAGAGCCTAAACAATTCTTTAGCTA
TGAGTGTGGAAGAAAGAGATTGGGCAATAACCAATTCTTTAGCTA

310189 TTACAATATAATACATTGTATTATAAAAAATACAATATCTGCAGAGCCCAGTAAAGCATA

GIGCAATAAAATGAGGTIGTGCTTIGTATTTATAGATGATATCTAAAGTCAAAGAATGGGTIG 10/506549 TTAAATTTAGCCAGAGGGGGAGGAGCCAGCAAGTAACAATGCATGAATAGGAATATCTAG AGAAATAAGAGGTATAATGTGGAGTGTCAGAAGCCAAAAGCGAAGTGTGTTAAGAACAAA [A,G]

TTTCTTAAAATTTTAACAACCTGGAATTCATTCATGATTTTAACAAGAATCATTTTGGTG GAGTGAGAGGGACAGATTTGAGTCAGCTGAGAAAAGTGTGACAAATGAGGAACCAGAGAC CAGGATAATGTGTTGAACGAGGGTTTTTTAGTAGGCAGGAGATATCTGATGGAAAAGAGCA

TGATATCTAAAGTCAAAGAATGGGTGGAACAGTGAAGACGAAGAAAAAGAAGAAAGTTAA 310283 AACAATGCATGAATAGGAATATCTAGAGAAATAAGAGGTATAATGTGGAGTGTCAGAAGC CAAAAGCGAAGTGTGTTAAGAACAAAAGTGTAGTTCATCTTTTCCAATCCTGCTGAAAAT [A,G]

TGATTTTAACAAGAATCATTTTGGTGGAGTGAGAGGGACAGATTTGAGTCAGCTGAGAAA AGTGTGACAAATGAGGAACCAGAGACAGAGCTTAAACAATTCTTTAGCTATGAGTGTGGA AGAAAGAGATTGGGCAATAGCTAAGACAGGATAATGTGTTGAACGAGGGTTTTTAGTAGG CAGGAGATATCTGATGGAAAAGAGCAAATAGAGAACTTGAAGATACTGCATTGGGGGATG ATTGCAGTGCAATGTTATGTCGTGGCAGAATGAGGTGGGATTGGGAGAGATTGCTCTTAG

311696 TAAATAGCTCCCTGTTGCTGGAAAGGAAGGCCTCTTTTATTTCTTCTACATTTTTGAGC TAATGCAGAAATCCATTTGCAGTGTTTATGTATACATATATACCTCAGTATATGTAAATA CACATCTTACTCAACAATTCAAGCAAAACCTTTGGATCTGTCAGAAACAGCTTATAGGTC [G,T]

GCATTAGGTGATTAATTGCCAGGAGAATCTGGTTCTATATTTTGTTACATATAATTATTT TCTTTCTAAAGGTGTTCTTTTATTAAGCTCCCACCATAAAAGAGGGGAAAATAAGCACA TCCACTGATAAAAGCATATTTGTCTTGGCTTCAGACAGTTTTCTCCTCATTTTTACCAAA ACTITAATAATATTTTAACTTGCTTAGAAATTAGTCTTGGGATAGCAGTATGGAATAATG

315318 TGGTGGGACAGATTGTAGTTTGCCAAACCCTACAGAGGGGGGTACAGTCCCTGCCATGTG CCTCAAAGGTGCTGTTAGACTGTGTTCTAAACCTGAGATGTTTCTAGTTGTTTGAAGTAA AGGTGGAAAACTACCATATTAAAATTCAATTACGGGCTGGGCATGATGGCTATAATCCCA GCACTTTGGGAGGAGATCATAGTGACGCCACTTGAGGCCAGGAGTTCAAGACCAGCCTGG CCAACATGGTGAAACTGTGTCTCTACTAAAAGTACAAAAATTAGCCAGGTGTGGTGGTGC [A,C]

TGCCTGTAATCACAACTACTTGGGAGGTTGAGGCATGAGAATCGCTTGAACCTAGGAGGT GGAGTTTGCAGTGAGCTGAGATCATGCCACTGCACTCCAGCCTGGGCGACAGAGTGAAAC CTTGTCTCAAAAAAAAAAAAAAAAAAAAAAAAGGAGTTCCATTCCAAGAGGGCCAAATAGG AACAGCTCTGGTCTGCAGCTCCCAGCATGATCGACACAGAAGATGGGTGATTTCTGCGTT TCCAACTGGGGTGACTAGTTCATCTCATTGGGACTGGTTGGACAGTGGGTGCAGCCCACG

AAGGTGCTGTTAGACTGTGTTCTAAACCTGAGATGTTTCTAGTTGTTTGAAGTAAAGGTG 315383 GAAAACTACCATATTAAAATTCAATTACGGGCTGGGCATGATGGCTATAATCCCAGCACT TTGGGAGGAGATCATAGTGACGCCACTTGAGGCCAGGAGTTCAAGACCAGCCTGGCCAAC ATGGTGAAACTGTGTCTCTACTAAAAGTACAAAAATTAGCCAGGTGTGGTGCATGCC TGTAATCACAACTACTTGGGAGGTTGAGGCATGAGAATCGCTTGAACCTAGGAGGTGGAG [T,G]

TTGCAGTGAGCTGAGATCATGCCACTGCACTCCAGCCTGGGCGACAGAGTGAAACCTTGT CTCTGGTCTGCAGCTCCCAGCATGATCGACACAGAAGATGGGTGATTTCTGCGTTTCCAA CTGGGGTGACTAGTTCATCTCATTGGGACTGGTTGGACAGTGGGTGCAGCCCACGGAGAG TGAACTGAAATAGGGTQGGGCATTGCCTCACCCAGGAACTGGAAGGGGTTGTGGGATTTC

322289 GAGAAAGAAAACGCAAGGCAAAGAAAAGGATAAAACAGCCCTGCTGCACTCTGGTGGGAC AGGAATAGAAAACAGAAACAATGTCTCTTTTGGGGTGAGAGACAGAAACACGCTGTTCCTC TGCATCACCACTCGGCGTCACCACTGTGCAACCCATCAGTCCTGTGGTGCCCGTTCAAGT [C,T]

**ACATTIGTATAAATCTIGTCCTACGGCATCTIGTATCCTCACCATCTAATAACTTTAGCACAG** AATATTGTTTAAGAATGATGGAGAGGGGAAAAGAACTTTGAGTCAACAAAACCTTTGTT TIGTTTACATTTACCATATCATCCATTCTTTIGTAGTATATCAGAAGACTTTCATTTTAG GTTTTTAAAAATCGTTTATATGTAATGAGTTAAAAACCTTAGTTATCCAGAAACATATTC TGAGCAACATGTTTTTGGTACCACCTGCTGTCTTATATATTTTCTTGTCTGCATGCTTCTG

### FIGURE 3IIIIII

323572	ATACTGTTTTGACTTGTAAAATGACTCTTTAATAGAAATGGACAAAGAAAATATGCTAAT AAAATAACTTAAGTATGTGTATGTGTGCATGCTAAATTTTTTTT
	[T,C] GCTCACATGTTGACATACAGAAATCTGTTTCAAATGAATTATTTTTTAAAGAACAAAGAA CTTTATAAACCCTAGTACCTAATCCTATGCCTGACACATAGTAGATACTCCAGCAAATATCT GTGGGACTGAACTGCTCTGTGAAGCCCTAGCTAAAGACTCCCACAACTTTTTCA GCTTTATGGGGAAGTGATTATCTTAAATAGTTTTAATGCAAAATTGAATTATTGTTTAAAA

TCACTGCCTCTGCTATTATTCATGTTCTAATTTAGGGCCTCGAAATTGTATTAGTTGCCT
AACTGGAAGTTGCACTTCGTTCCTGTGCTTCTTCCACACACTGCTGCCAGAATCATTTACTT
TCTTCAACAGAAAATCAAGCCTGTCTCTTTCCTCATTAAAAAACCTGCAATTTGCTACGGA
CTGTGAGATAAGGACCAAACTCCTTGGCATTACATACCATATGTAATGTAATTATACCTG
TGGATTTTTTTTCTCAATCTACCTTCATGTCCCCATGTTTCTAAGCATCCTCTACCAGTG

AGCATGTCCACCAGTTGAAAAGTCAAGTCATGGAACATTGTTAAGATCCAGGTTTTAATT

327295 CTTCCCTGATAGACAAAGAGATAAAATGTCATTCTGAGCAGAGGGAGAAATATGTGCGAA
AACAGGGAGGCAGAAAGCAGCGTGGTGAGTTTTACTAACTGGGTGTTTAGGTGCTCCTAA
GCAAGTCCAAGTTCAAGTATAGCATTTCAAGTTTCATGATTTTAGTGTAACTCCTATCT
TATCTACAGCTCCTTTTCTTTCTCACAGGGTGAGAAATGCTATACTTGAACTTGGACTT
TTTTCTTTGATGTGCAATTAAATGATTAGAAAATAGGAAGTTAAGGTATTTGCAGTTAAA
[A, G]
TGATCACGTTAGCCCATGATGTAGATAAAGCAAGGAAAAAGAAGGAAAAGAATAAGACTGCA
GCCAGAAAAACAACTAGCACAGCAGTTATGATTTCTAGACAAATGATTGTGTTGGCTTGC
ATATCACTGAGTAAACATTTATTGGGTGCCTTATATGTGCCCATAGCTGAGCTTACAGTGT

FIGURE 3JJJJJJ

TGAATAAAATGAATATGATTCCTGCCATTACATACAGTCTACAATCTGTTGGGAAAGACA GACAGTAAACAAACACACAAATACACAATAAAGAAGAAGTCGGTAGAAGTGACAGGTTTAA

AATACGATAATTTTTAGTCTGGAGCACACAAGCAGAGTTCAGGTGAACTCCCTGGAATTA
TTTGCAAAATTGGGAGTATTTTTTCGTATGTATGATTGAGGGGAATTTCTGTCAAATGCA
CATAGGCACCTGTAATTAAAGAGCCGCCTTCATTTTCACACATGAGGAAACTGAGGCTGT
TACAGATGTAGAGACTTGCCCAAGGTCTTGAATAACTTCTCAGAAAGGGAGTTTGTTCTA
TGATTTGTGTTTTTTAATAAAGTTTTAATGGACAGACCACGATATCCAACATGGCCTTGG

AATGACTATGCAGTGTAAGCTGTGGATATTTTGTTATATAAGAATGGCAGGGGGTCCTAG
AACTGGGGGCTGGAAGGCCCATTTAAAAGGTCATCTAATACGATAATTTTTAGTCTGGAG
CACAAGCAGAGTTCAGGTGAACTCCCTGGAATTATTTGCAAAATTGGGAGTATTTTTC
GTATGTATAGTTTGAGGGGAATTTCTGTCAAATGCACATAGGCACCTGTAATTAAAGAGC
CGCCTTCATTTTCACACATGAGGAAACTGAGGCTGTTACAGATGTAGAGACTTGCCCCAAG
[G,T]
TCTTGAATAACTTCTCAGAAAGGGAGTTTGTTCTATGATTTGTGTTTTTAATAAAGTTT
TAATGGACAGACCACGGATATCCAACATGGCCTTGGAGCCCATAGGGTTCAGAATATTAGAA
AGCCTTGGCTTCTTTTTTCATTGAGTTGTCATATAGTGATTTTTAATAATAATAGAACATG

TTCTCAGAAAGGGAGTTTGTTCTATGATTTGTGTTTTTTAATAAAGTTTTAATGGACAGA CCACGATATCCAACATGGCCTTGGAGCCATAGGGTTCAGAATATTAGAAAGCCTTGGCTT CTTTTTTCATTGAGTTGTCATATAGTGATTTTAATAATAATAGAACATGCTATTATTCAG AATACATTCTTCCACCCTAATATCCCCAAAACAGTATTTTTAAAGAAATTCTAGGAAGGGT GTTTACTCATTCAGAGTTCTACAGGAAGGAAGGCTCTTTCCTACTATTTTTTAAGCATAA

### FIGURE 3KKKKKK

TTATGATTTTCCTAATTGAATTTTTGCCAGCTAATTTIGTACGTAAGTTAAGGATTGATTG

10/506549 AACAGCATTTTCCAAAGTGGAAAAGAAATATTAGTTTTTGAGATGTTCCATGATTAGAGT TTGGGAATTTAAAATAGAATTTTTACATACTACCATAGGTTTCTCCTAGATATTTTTATT

ATGATGTGGTGGGTTTAACTTCTTAAGAAGCTGACAAATAGCTTTCCAAAGTGGTTGTTC 331838 TATTTTATATTCCCATTAACAGTGTATGTAATTTCTAGTTGCTCCATGTCCTTGATCGGT CTTTGGTATTGTTAGTGTCTTTAATTTTCATCATTCTTATAATGTAATGGTATCTCATTG TGGCTTAAATTTGCATTGATCTGATAACTAATGATGTTAAGTATCTTTTCACATACTTAC CTCACAAAGGAAGCTGTGTGGTTAGCAAGTATGTTCAAATTTTTTAGTCCAGTTACTTTGG [A,G]

TTATT TTCTTATTATTGAATTATGAGGATTCTTTATATATTTTTGGATACAAGCCCTTTGC AAATATGCATATTGTGAATATTTTATCCCAGTCTGTGACCTGTCTTTTCGTTTTCTTAAA GGTACCTTTTGAAGAGAAATTTTGTTTTGATTTTTGTAAAGACCAGTTTGTCCATGTTTT TCTTTATACTTCTAGAAGTTTTATAGTTTTAGCTCATAAATTTCAAGTTTATTTTTCAG TATGGTGTGAGGTAAGGGTCAATGTTCATTTTTTCATATGGATTTCTAGTATTCACAGT

TAACTAATGATGTTAAGTATCTTTTCACATACTTACCTCACAAAGGAAGCTGTGTGGTTA 332042 GCAAGTATGTTCAAATTTTTAGTCCAGTTACTTTGGATTATTTTCTTATTATTGAATTAT GAGGATTCTTTATATATTTTGGATACAAGCCCTTTGCAAATATGCATATTGTGAATATTT TATCCCAGTCTGTGACCTGTCTTTTCGTTTTCTTAAAGGTACCTTTTGAAGAGAAATTTT GTTTGATTTTTGTAAAGACCAGTTTGTCCATGTTTTTCTTTTATACTTCTAGAAGTTTT [A,G]

TAGTTTTAGCTCATAAATTTCAAGTTTATTTTTCAGTATGGTGTGAGGTAAGGGTCAATG TTCATTTTTTCATATGGATTTCTAGTATTCACAGTACCATTTCTTAAGATAATTTCCTT TOCTCTAGATACTCTCACACTATCTTGTTTCTTTAGCATTATAAGTTTTGAAGTCAAGTA GTGTAAATTTTTCCAATTTGTTCTTTTTAGAAGTTGCTAAAAGTTGCCACATTGCCTCTG

332058 GTATCTTTTCACATACTTACCTCACAAAGGAAGCTGTGTGGTTAGCAAGTATGTTCAAAT TTTTAGTCCAGTTACTTTGGATTATTTTCTTATTATTGAATTATGAGGATTCTTTATATA TTTTGGATACAAGCCCTTTGCAAATATGCATATTGTGAATATTTTATCCCAGTCTGTGAC CTGTCTTTTCGTTTTCTTAAAGGTACCTTTTGAAGAGAAATTTTGTTTTGATTTTTGTAA AGACCAGTTTGTCCATGTTTTTCTTTTATACTTCTAGAAGTTTTTATAGTTTTAGCTCATA [A,C]

ÄTTTČAAGTTTATTTTTCAGTATGGTGTGAGGTAAGGGTCAATGTTCATTTTTTCATAT GGATTTCTAGTATTCACAGTACCATTTCTTAAGATAATTTCCTTTTTGAGTGCCTTAAAA TCAGTATGGACTTCCTTTTTCTATTTTATTTATCCGTATCTTTATCCTCTAGATACTCTC ACACTATCTTGTTTCTTTAGCATTATAAGTTTTGAAGTCAAGTAGTGTAAATTTTTCCAA TTTGTTCTTTTTAGAAGTTGCTAAAAGTTGCCACATTGCCTCTGTAGATACACACAGAGA

GGCCAACATGGTGAAACCCCGTCTCTACTAAAAATTAGCCAGGTGTGGTGGCATGTGCCT 333419 GTAGTCCCAGCCACTAGGGAGGCTGAGGCAGGAGAATCTTGCAGTGAGCTGAGACTGCGC CACCAAGTGCTGGGATTATAGGCGTGAGCCACCATACCTGTCCTTAAACCATATTTTAGT AGTTATTTAAGGAAGTTACAAAAAAATTCCTTTTGATATAATGAGTGCAAATTATTTGC [A,G]

CATTTTTGAAAAGAGAATAGTCATCTTTTATTCACCTGATAATTGCTGAGAAGGGCAAAC CTGCTCCACCTCAGCATCCCAAAGTGCTGGGATTACAGGGGTGAGCCACCGCGCCC AGCCTTCTATTTTCAAAAGTACTCTTGACATTGTTTGTATCGGTGACATAGATTATGGAA TCTCTGGTACTTGTTTTATTTACCAATTACGAATAATAGTGGATTGTTCGTGAAATTCCA

336143 AAAATTICTATCTTTCCTCAAATTATATTTTTGTGTTCCATAATGCTTGGATTGGGGAGGG CATCCCATTGTGGTCCTATTTATAATTAGTATATTATTACAACTTCATAGAAATTTTGCT AACAGCTACATCTTAGTAGTTCTGTGGTTTCTAATTTAGATGAGGCAGGTTTGTTCCCTG TTAGGAAAATTATTATTTCTTTAAAAGTCTTAAAGTTAATAAACAGGAGATTTAGGAGAC [T,G]

AGAACCTTCTACATGGTGTGTTTAACAAGCACTTGATAAACTGTGGGGAAAAAAGATT TTTAAATTAGATTTAGGAAAAATAGACTTCAGTTCTCATTTGTTACAAGAGGAGCCCTCT AACTCCCTGCTGTAGACACAGCCATTTTCTCAGAGTTGGAGTGTCTCTTTGGCCACTTTG GGTATAAAAATGAAACTACTATCAATTTATTGTCCTCACAAGAGAATAGTATATTATATT

336148 TCTATCTTTCCTCAAATTATATTTTTGTGTTCCATAATGCTTGGATTGGGGAGGGCATCC CATTGTGGTCCTATTTATAATTAGTATATTATTACAACTTCATAGAAATTTTGCTAACAG CTACATCTTAGTAGTTCTGTGGTTTCTAATTTAGATGAGGCAGGTTTGTTCCCTGTTGAG GGTTTTTGTTTTGTTTTGGTCTGAATAGGTAGGCAGTTCACACAGTTGTTTTAGG AAAATTATTATTTCTTTAAAAGTCTTAAAGTTAATAAACAGGAGATTTAGGAGACTTTAA

### FIGURE 3LLLLL

- [T,G]
  TAATGCTTAAGATAAAAGGTTTCATTTCTCTCTCTCTGTTTCTCTGTCTTCACACAGAAC
  CTTCTACATGGTGTGTGTTTAACAAGCACTTGATAAACTGTGGGGAAAAAAGATTTTTAA
  ATTAGATTTAGGAAAAATAGACTTCAGTTCTCATTTGTTACAAGAGGGGCCCTCTAACTC
  CCTGCTGTAGACACAGCCATTTTCTCAGAGTTGGAGTGTCTCTTTTGGCCACTTTGGGTAT
  AAAAATGAAACTACTATCAATTTATTGTCCTCACAAGAGAATAGTATATTATTATTCAAGA

- TTATGTTTATATTAATAGACACACACAGTTTCCAATTGGTATTTCGATGCCTCTTTCCTA
  AATATGAATTGAAAACTAAGGACCACTAATATTTTGAAAAAAGCTAAAAATAGACAGTCTA
  AAACAAGCACAGGGAGGATAGACATAATTTAGGGAGCAGATGAAAAAGAGAGACAAGAATAA
  TATGGCCACAAAACAAGCACCAGAAGCTCTAAAATAGAAGGCTCAATTGTTCCTTAATTG
  AAAATGTAAAACATTCAGGTAGAAATAAAAAAATAAATGGAAGAATTGGATGATCAAGTTG
  [C,A]
  AAGTCTCCCAGAAAGTCAAACAAAAAGACAAAGAGATGAGAATTGTAGACATGGTAACAT
  CTGACTAATTAGAGTCTCAGAAGGAACAAAAGAAATCAGAAGAGAAAACAATTTACAAGACT
  TCTTTCCAAGATTTGAACATTAAATTTCTAGATTGAAAGCCTCTACCAAGTGTCTGGCCT
  CAAACCATCACATTCAAAAGGACTAAAAATTTCTGGAGTGCCACAAATTTATCAACAGCAGAA
  GCTGTACGACAGGAGAGAGCTAATTCTTGAAATTTTCTGAGGGGAAAATTTATTCCAACCTAGAG

CTGAATGCATATAATGAGCTACGTTAACATTGGGTTTTACTGTACATTATGCGTAGTA TAATATATAGAAAGTCTGATCCCTCTTTTTAAATAATATATAGAAATCCAAACTTTATCA [A,G]

TGTAÄACATACTGAGTTTGAGGTGTCTATAGATCATCTTAATGGAGATGTCATACAGATT AGTTTTCATTTTTAAATTTCTCCCTATTTCATTGAAAATATGATTCACTATATAAAATTG TAATTAATATAGATATATTACATAAAGACAAAGGAGAAGCTCTATACATATGGATGATCA CATACTAATGGAAGATTTTTTTAAATTGTAAATTAATATTGTTTCCTAGACAAGTCAGTAG GATTGAGTATACAAGTTGAACATCCCTAATCTGAAAATCCAAAATCCAAAATGCTCCAAA

351139 ATATTATTCAGAAAGAAGTAAGAATGATTGTAAATATAGACAATTTCTTAGGTAGAGGGC
TAGAAAGGTGAAAAGGGTGGTTAAACTCAGTCATCGCTGATCCTCAACTTAAAAGTCTGT
TCCACTAATCTTTATTTTGTATTACTGAATGCATACATATAAATGAGCTACGTTAACATTGGG
TTTTACTGTACATTATGCGTAGTATAATATATAGAAAGTCTGATCCCTCTTTTTAAATAA
TATATAGAAATCCAAACTTTATCAGTGTAAACATACTGAGTTTGAGGTGTCTATAGATCA
[T,G]
CTTAATGGAGATGTCATACAGATTAGTTTTCATTTTTAAATTTCTCCCTATTTCATTGAA

CTTAATGGAGATGTCATACAGATTAGTTTTCATTTTAAATTTCTCCCTATTTCATTTGAA
AATATGATTCACTATATAAAATTGTAATTAATATAGATATATACATAAAGACAAAGGAG
AAGCTCTATACATATGGATGATCACATACTAATGGAAGATTTTTTAAATTGTAAATTAAT
ATTGTTTCCTAGACAAGTCAGTAGGATTGAGTATACAAGTTGAACATCCCTAATCTGAAA
ATCCAAAATCCAAAATCCCAAAATCCAAAACTTTTTTGAGCACGGGCATGATGCCTCAA

GAAGCCAGAAATTGCCATACACATAGTTCCTTTACACATTACACTTATTATTCTTATAGTTCTG
GAAGCCAGAAATCTGACAAAGGTCTTATTGAACTAAGATTAAGATGTCAGCAGGGCTGTA
ATCCTTTATGGAGCCTCTTGGGAACAATCCATTTCTTTGCCTTTTTCAGCTTTCTTGAGCC
CCCCTGCATTCCTTGGTTCATGGCCTTTTTCCTCCATCTTCAAAGCTAGCAGCCTAGCATC

ACTTACAGTAAAGGTAAGGGGAAATACATTTTAATTTTCCTTTGTCATTTCTCTCCTCCC
TGTCTGCTTTCCCTTTCCTCTACTGCCTTTATATAGAATGTCTGAGGGCTGTGCCCTTTT
CCCAAAATATTTTGTTTTAAGGTGGGGGTTAGATCTTGGTACATTTTTTGACTTCCATGG
AAAGTTTTGTGTTAGTATGTGGTCCCATTTTTAACCTATTTGCAGACACCCCCGATTATC
TAAAATCACTTTCACATGGGGCTGAGGTTAAGCTTTATTTCTTTTGGCATGTCCCTACCA

TIGACTICCATGGAAAGTTTTGTGTTAGTATGTGGTCCCATTTTTAACCTATTTGCAGAC
ACCCCCGATTATCTAAAATCACTTTCACATGGGGCTGAGGTTAAGCTTTATTTCTTTTGG
CATGTCCCTACCACAGCAGACACTTCCTCTTTGCCTTGAAAGGACAAAACGATGTTCAGC
TGTCTGGGCTTAGGCCCAGTATTTGATTTATACATTATTTAATTTCCTCCTGAAAATTGG
AAGCAGGACTTTCAGGAATAGAAGTCAGTATTTTCATTTGTTTTAGAATACTTCTAGGT
[C,G]

TAATATAATCATCAGTGGTAGATGTCAGCATGATTAGGGGGTGACTTAAGGTAAAGCAAA
TAAAATGTGAATACAAAGGAAAATTATTTGACAATGGAGAAGTTCCGGAAGTTTTTGAATA
ATCATTATTGTATATGTTATTAGGTTTTGGGGGTACTACATTTTTGGGGCACCTGTCTTCA
CTTTACCCATTGAAGGAAAGATGTCTATTATGTTATAGTTGCAATTGTTGGGGGATTAGA
AGTTTGAGGAAAATGTAATGTAACCCTTCCAGTAATTTTACAGAGGATTTTTGGATTCTC

TCTCAAACCCTGGCAGTCTGGGCTTTCCCTCCCTCTGCACACTGCTAAGCTGACCTCACT
ATTTCCTTCTCCCAATTATAATAACCAGCTCTAAGTCCTCAGCTTTCCTGACCTTTTTG
CTCCATCTGTCAGAATTCGTACCCTCTTCCTAAAGCCCTCTTTCAGTTTTTATGTGGGAC
TGTCCTAATTTCCTCTACTTCTTCCTGTCTTTTATAGACCCATCTCCCTAGTATGGAGCT
GGGCTTAAGTGTCCCCCAGGTTCTGTTTCTTGGACCATTTTTCTCCCTACATTCTTAGGC

363642 GTGTGCACTCCCATGGAGTGCCTTGCCACCACCACCAGTACATCTCTTCACATTCTT

### **FIGURE 3NNNNNN**

CTAAAGCTTATTCCTAAAGCATCTACTCTTTTATGTTACCAGGCTCCCAGTAGATGCTTT TTTAAATATGGATCCACCACTTACCTGTGTGTGATGTTGAACAAATTTACCTAAAGGCTT [G,A]

GATTGTTGGATAGATTCGGTAACTTATGTGAAGGCAGAGACACTTGGAAATCAGTGGTG GTGGAGGTGGTAGTGCTAATAGTGCTAATATCACCATCGTCAATATAATTATTTCCACAG CAGCATTTTGTTTCTCATATGTCAGTTACGTCACTGTACTTATTGTCTTGTTCTCATTTC AGAATTTCAGACTCCTCGAGGTTTTATTTTATATTCCCCTGTTCCCCCAAGAGCATAGAACA AGGACTTAAGCATAGGTTTTCCTAAGTGAGTTGAGTTGCATAGAATAGCTATTCTCCCCCT

363730 AAGAAAAGGTACCAGAGTCAGACAGATATGGATTTAAATATGGATCCACCACTTACCTGT GTGTGATGTTGAACAAATTTACCTAAAGGCTTTCAAATCAGTTTCTTCATTTATAAATTG GGGGTAGGGGAAGGATTTTACCTACCACATTGGATTGTTGGATAGATTCGGTAACTTAT GTGAAGGCAGAGAACACTTGGAAATCAGTGGTGGTGGAGGTGGTAGTGCTAATAGTGCTA [A,T]

TATCACCATCGTCAATATAATTATTTCCACAGCAGCATTTTGTTTCTCATATGTCAGTTA OGTCACTGTACTTATTGTCTTGTTCTCATTTCAGAATTTCAGACTCCTCGAGGTTTTATT TATATTCCCCTGTTCCCCAAGAGCATAGAACAAGGACTTAAGCATAGGTTTTCCTAAGTG AGTTGAGTTGCATAGAATAGCTATTCTCCCCTAAAGGAAAATACTGACTCCACAGTGTTC TTAAAAGTCAGAGCTGGTAAGTTTGTAGCTGTCTCTTCATATTTTAATCAAACATTATCA

GCTGCAGGTTTTAATAGGGTGGCCATGGAAAACCTTGCCGAGAAGGTGGCATTTGTGTAA 365893 AGACTTGAGGCGAGTGAACTGCAATTATCCAAAGGAAGCACATTTCAGGGAGAGGAACA AGAAGTCCACATGCTCCGAACACGAGTGTTCTTTGCACATTCAAGAACAGCCAGGAAGCC AATGTCACTGGAGTGAAGAGTGTGAGGGGGGGTTCTAGGGCCCAGTTGAAAAAAAGTGGGAG TAAGTGATTGGTGTCGCATGCTGCTGATAGATTAAATAGATTGAGAACTGAGGATTGACC [G,A]

TAGGATTAGTGACCTTGACAGAGCAATTCAGTGGGGGAGTGTTCAGAAGTGTCATTTCAA TGGGTTTAAATGAGAATGGGAAGAGAGAGAAAATAGAAAATGGAAAATGAAGAGAGCTCTTC ATCTATAAGGTGAGAAATTACAACGTGTTTTTATGGTGGTGGTAAAGCTTGACTCAGGTA AAAGGAAATGGAACCCCATGCATAAATAGAAGGATTGATCTTGGCAGCACAGATACTTCA

366622 AACACCTGCAGTATCCTTCTCATATGGTCATTTGCATATTATCTCTACAGCTGTCTTATG TTTGGCCAGCTTATTAATTGTTAATATATCTCTTCCTCTTATTGAGCAAAAACCTTTCTT CTAGAACATTGATCCTAGTTCTGCTTCCCATAGCCTCCCAAGATGGACAGTTCTAATTTT TCTATAGAAGAGCCTTTGAAGGACTGGAGGACTGATGTGGTTTCTCAAGGCCGACCTCAT TOCTGCTGATTCTAACACCTAGCCCTTCAGTGTTTCTGCTGGCATGTGTGGTTTCAACCC [-,c]

TGTCACATTCAGACACTCTCATCTAACAGGGCCCAGGGTATTTAATCAGTTTCATTTGCT AATCAGGCCTCATTGGTCCCGGCCTTTGGTATCTGTTTTTTCTCCCAGGCTTTTTTCTACA TATTTCAGTAGCTTTAGGGGTACAAGTGGTTTTTGGTTACATGGATAAATTGTATAGTGG TGAAGTCTGGGCTTTTAGTATACCCCATCACCCAAATAGTATACATTGTACCCAATAGGTA

370992 CAGAAGTCCCAGCCTTGACAGAAGCAACTGGGGGAGCTCTCCTTGAAAGGCACTGAGGTC TTTGCAGGAGAAAGGGAGGGAGCCACCTCAGCTTCTCTTCCAGACCAGCACGAAAGCAAT CTGCCTCCCTGTCACACTCATGTCGCAATGTTCTGGATATTCAGATCAGACGAGGCACTT CTGTGGATCTGCAGAAATGCTGACATTCATGTAGAGAGGGATTGTGAACCTACCCCAAAG TIGCTCCAGAAAGGCCATCCATAGGTIGCACCCCAGCCAAGCTCCTGTIGGAGGAGTCCCAGC [G,C]

ACGTCTGCAGTGATAGGCAAAGGGTAGAAGTCCCCTTCTCCAGGTCCCTTCACGAGCACT GGGGCTGCCCAACTGCTGGGGTAGAATGACAGTCTTTCTACCACTTAGCCCAGCACTGCA TCTGTGCCTCTGCTGAAAGAAACTTCCCACAAGCAGAAAGTTCTAGGACTCAAAGGCTGC ACTCTAATTAATTTTGTCCCACAGGGTGCTCCCTTGATATGGTACCCTTTCCCCTTCCCCT AGGAGTGACAGTCCCTTAGGGCAAGACTACTGTAAATACTGCTGCTTCTCTAGGTATAGC

TCTAATTAATTTTIGTCCCACAGGGTGCTCCCTTGATATGGTACCCTTTCCCCTAG 371475 GAGTGACAGTCCCTTAGGGCAAGACTACTGTAAATACTGCTGCTTCTCTAGGTATAGCCA CCCTGTGGGGGCTGCCACAATCCAGGCTGGTGCTGGGGAATGTCTACAAGGGATCCAGTG ATGTGAAGATACAAGGGTTGAAGGATCCTGAGCAGAACAAAGTCCCCACAACCTATGTGCA CGAATATGGCAGCCGCTACTACAGCTCAGGCCTAGGGCAAGAGGGAAGGGACACTATGCA [G,A]

ACAAGGCAGTGCCCTCAAGAAGTCCCCCAAATCGCAATCCACTCCTGTACTTGTGCTTACA AGGGCAGAGACACTICTGCCTGAGTTCAGATGCCAGCAGTCTGCCACAAGACCTAGAGATG CTGAGAGCACTCCCACCTACCCTTTCCAAAGATTACTGAGCCTCTGGGGGTTTGACCTCT GCCAGCTTCTTGTAAAATAAAGCACACTTTATTTTIGTGGCTGTATCATAGATTCTCCCAG TGAACTCTGTGATAGGCTCTAGCACTCTCCCCTTAACACTCCATTTGGGCTATGATTATT

### **FIGURE 300000**

#### 373927

#### 374062

#### 374489

TATACTGTTCTCTGTACTGTTGTATGTGTTTGAATTTTCTATCGTTAAAAAATATTAAGA
AGAAAACAAATAGCATTATCTTTTCCCTAAGTGTTCACAATCTCCTCTGTCTCCCCTTTC
TCCTATTTTCTAAGGAGAAAGAATTGAGCAAGTTTACAAAGTGGGGTGGAGCTGTTGTGA
AAGATACTTCAAATCATTTTTTTAGCTACTCAGAATTATAGCATGAAGTCAAAGTTCTCTA
GGCTTGAAATGCTGTGTACCTCATTCTTCCCCTCCAACACATATTTCCAGTTATACGCAC

#### 375527

#### 375885

#### 376687

AGATAGTIGTGAAAACCACTICATGAGTICCCCTTTGCTTAAAGTTACCCTGGTCATGTTTAT
TACAGCATIGTAAAGGTACATAGCCTTAAAGTCTTTTCAGGACTTTGGGATTTTTCTTAAAG
AAAACAAATCAAGAGTIGTTCATTAAAAGATTGATATAAAAAAATTAATAATTCTGAAGTTA
ACCCAAAACTTAATIGTAATCTTCCATTIGGAACATTTGTTGATGTIGTIGGGGGGGGGTTTAAA
TTCCACAAAATATTATTAAAAATGAGCAATCAGCAGCAAGATGTTTTAAAAATATTTTGTTTC
[C,A]

GCATGTAAAATCTCGTTTTTACTACAGAATTATTTTGTTAAAGGCACAGCTATGCCAGGTT GCTGCCAGAGTGATAGGATCATAACAGCCCAGTTAATTTTAAAAGACTCACAAGTGGTAG GCCTTGGAACTACTGATGGCAACATGTACATCACATTTTAGTATAAATGCTTAAACTTACA

### FIGURE 3PPPPPP

[A,G]

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378952 GTACAAAAGAAGGATCTAACAAAATAAAACCCACTCACCTCTAGCATGATTAGCTCCATT
TIGTATTTTCIGTACTCCCCAACTGTGATAATTCCAGCCAAACTGTATTCIGGCCTAAGT
CATCTGGAAAGGGGGAAAGCAGGTGTTATTATGAAGCATTCAGAGGATTTAAGAAGAGATTT
GAAATATAGTTACTATAGAGCAGTGATTCCTAACCCCTTTTTGGTTTTGGATCCTTTTTA
GACTATAATGAAAGTTTTGAACCTTCTCTATAGAAAAATATATAATATGTATACATGGGT

379000 ATTACCTCCATTTTGTATTTTCTGTACTCCCCAACTGTGATAATTCCAGCCAAACTGTAT
TCTGGCCTAAGTCATCTGGAAAGGGGGAAAGCAGGTGTTATTATGAAGCATTCAGAGGAT
TTAAGAAGATTTGAAATATAGTTACTATAGAGCAGTGATTCCTAACCCCCTTTTTGGTTTT
GGATCCTTTTTTAGACTATAATGAAAGTTTTGAACCTTCTCTATAGAAAAATATATAATAT
GTATACATGGGTGTATGTTTTCATAAGTTTCAATGTATTCTTAGATCCATCTAGATATCC
[G,A]

ATGTTACTICACTGTTTIGTAAATTTTCTGAAGTTGTGCTCCATTCCAGTGCAGTTTTTTT CTATGACAATACAACAAAGAAGCTCCTGTTCCTGTGGGATACATTTTGATACCGAAGAAA GCATCTCTCAAAAATAACAAAAGCATAGCTGTATTCTTGCTAGAATTTCTAATTTATGTT AGAAATTAGTTCTACAGAAAGAACTAAATGCAGAGTAGTGCTCCAAACTGAAAACATAGC TTGAGATGAACATACATCACAGTATTAAACAATTTTAGTTATTTACTTTCTCTTCATTCT

TCTAATTTATGTTAGAAATTAGTTCTACAGAAAGAACTAAATGCAGAGTAGTGCTCCAAA
CTGAAAACATAGCTTGAGATGAACATACATCACAGTATTAAACAATTTTAGTTATTTACT
TTCTCTTCATTCTAAGAACTTAAGAAGACCTGACAACATCTGGATCAGGGGTTCCCCACCA
CCCCCAGGCCATGCACCGGTACTGGTCCGTAGCATGTCAGGAACCAGGCCACACGGTAGG
AGGTGAGCAGTGGGCAAGTGAGCATTACCACCTGAGCTCCACCTCCTGTCAGATCAGCGG

[T,C]

FIGURE 3QQQQQQ

Rec'd PCT/PTO 03 SEP 2004 PCT/US03/06670 10/506549

387449 ACATGGTGGAAGGGGCCAACCAGCTCCATCAGGCTTCTTTTATAGGGGTACTAATTCTGT
CAGTGAGTACAGAACGCTCACAACCTAATCACCTCCCAAAGACCTCACTTCTTAATACTA
GTAGCATTGGAGATTAAGTTTCAACATATACATTTTGGAGAAAAACATTCAGACCATTGC
ACTGGGTTAAAGAAAATCAAACTGACCATCATTAGTAGCCTTTGTAAAACCTTTAAAATT
CTATTGTGCACCATGGGGAACAGAATATATACAGGTTGAGTATCACTAATCTGAAATCCA

[C,G]

389096 CTTTTCATTAACACTCAGAAGTTCTCTAGGTCATCCCTATCTCAACCATTAGTGAT CTGGTCAAAACTCTGTCCAAGTTTTCTATATCTCAAGTTTCGTAGTTCTCCAAGCTAGAT

GGAATTGTTTAAGAGACAGGGGAGTACTAAATATAGTAGGGAAATTTTTTCCCAAATGTTG ACATATACTAGAGGCCCCAAGTTACAAACATTCACATTTCAGGTGGTCACTACTTCTCTG ACCATAACTGATCACTAAAGCCGCTTTGTCATTACCATGTAAGCCACCACAAAACAA

[T,C]

389998 GGCAAACGGCCCATCTGGCCATGTGAATCAAAACGCAGAAACGTTGAGAGGTTCCAGGCA GCCTTTTGGTTACCTCTCTTTTTCTCAACCCTGCTCTTTTTCCAACCCCGGCCCTGGCCA

[T,C]

392964 ACAGGTGTGCACCACCACCACGCAGCTAATTTTTATATTTTTAGTAGAGACAAGGTTTCAC

[-,T]

TAGGCTCACTGCAAGCTCTGCCTCCTGGGTTTACTTACGCCATTCTCCCGGCCTCAGCCTC

### FIGURE 3RRRRRR

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